

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082624\
 Data File : BP021683.D
 Acq On : 27 Aug 2024 23:23
 Operator : RC/JU
 Sample : P3675-20MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCYA1MS

Quant Time: Aug 28 00:03:19 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082324.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 27 05:11:38 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 08/28/2024
 Supervised By :mohammad ahmed 08/29/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	387705	20.000	ng/u1	0.00
20) Naphthalene-d8	10.575	136	1614893	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.434	164	1025449	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.234	188	2198296	20.000	ng/u1	-0.02
79) Chrysene-d12	21.686	240	2093288	20.000	ng/u1	0.00
88) Perylene-d12	25.098	264	2414339	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.276	96	44320	3.795	ng/uL	0.00
4) Pyridine-d5	3.687	84	676181	20.018	ng/u1	0.00
7) Phenol-d5	6.958	99	953366	23.041	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.122	67	521507	23.160	ng/u1	0.00
11) 2-Chlorophenol-d4	7.328	132	632030	23.660	ng/u1	0.00
15) 4-Methylphenol-d8	8.493	113	679275	21.245	ng/u1	0.00
21) Nitrobenzene-d5	8.940	128	309685	23.836	ng/u1	0.00
24) 2-Nitrophenol-d4	9.658	143	320374	24.293	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.205	165	641773	24.694	ng/u1	0.00
31) 4-Chloroaniline-d4	10.705	131	851970	22.533	ng/u1	0.00
46) Dimethylphthalate-d6	13.834	166	1904904	24.277	ng/u1	0.00
49) Acenaphthylene-d8	14.122	160	2149026	24.394	ng/u1	0.00
54) 4-Nitrophenol-d4	14.634	143	344801	23.098	ng/u1	0.00
60) Fluorene-d10	15.440	176	1626245	24.653	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.563	200	256606	21.223	ng/u1	0.00
73) Anthracene-d10	17.334	188	2587868	24.805	ng/u1	-0.02
81) Pyrene-d10	19.710	212	3200958	26.750	ng/u1	-0.01
92) Benzo(a)pyrene-d12	24.868	264	3358001	26.083	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.311	88	134501	10.837	ng/uL	98
5) Pyridine	3.705	79	925578	27.422	ng/u1	98
6) Benzaldehyde	6.934	77	695343	32.856	ng/u1	99
8) Phenol	6.987	94	1339873	31.057	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.216	93	1031339	30.754	ng/u1	99
12) 2-Chlorophenol	7.364	128	883785	31.522	ng/u1	99
13) 2-Methylphenol	8.228	108	959248	30.821	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.311	45	1007867	31.137	ng/u1	98
16) Acetophenone	8.611	105	1565635	30.544	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.599	70	727776	30.087	ng/u1	99
18) 4-Methylphenol	8.558	108	1046883	30.724	ng/u1	100
19) Hexachloroethane	8.869	117	388394	30.981	ng/u1	95
22) Nitrobenzene	8.981	77	1143869	31.574	ng/u1	99
23) Isophorone	9.510	82	2182592	30.022	ng/u1	100
25) 2-Nitrophenol	9.693	139	475911	32.570	ng/u1	97
26) 2,4-Dimethylphenol	9.752	107	1047400	29.206	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.987	93	1384537	30.368	ng/u1	98
29) 2,4-Dichlorophenol	10.228	162	832317	31.871	ng/u1	98
30) Naphthalene	10.628	128	2781000	30.555	ng/u1	99
32) 4-Chloroaniline	10.728	127	983862	25.775	ng/u1	99
33) Hexachlorobutadiene	10.922	225	539391	30.783	ng/u1	98
34) Caprolactam	11.516	113	310204	28.090	ng/u1	99
35) 4-Chloro-3-methylphenol	11.863	107	1089625	31.524	ng/u1	99
36) 2-Methylnaphthalene	12.240	142	1870761	30.388	ng/u1	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082624\
 Data File : BP021683.D
 Acq On : 27 Aug 2024 23:23
 Operator : RC/JU
 Sample : P3675-20MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :

BNA_P

ClientSampleId :

DCYA1MS

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/28/2024
 Supervised By :mohammad ahmed 08/29/2024

Quant Time: Aug 28 00:03:19 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082324.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Tue Aug 27 05:11:38 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.463	142	1855686	29.969	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.616	216	1030430	31.882	ng/ul	99
40) Hexachlorocyclopentadiene	12.599	237	449748	24.251	ng/ul	99
41) 2,4,6-Trichlorophenol	12.851	196	663361	31.878	ng/ul	98
42) 2,4,5-Trichlorophenol	12.928	196	722922	32.173	ng/ul	98
43) 1,1'-Biphenyl	13.263	154	2415906	31.140	ng/ul	99
44) 2-Chloronaphthalene	13.304	162	1906161	31.336	ng/ul	99
45) 2-Nitroaniline	13.498	65	637365	33.446	ng/ul	97
47) Dimethylphthalate	13.887	163	2363180	30.078	ng/ul	99
48) 2,6-Dinitrotoluene	13.998	165	476865	32.910	ng/ul	99
50) Acenaphthylene	14.151	152	2989558	31.554	ng/ul	99
51) 3-Nitroaniline	14.328	138	531560	33.571	ng/ul	98
52) Acenaphthene	14.498	153	2023561	30.371	ng/ul	99
53) 2,4-Dinitrophenol	14.540	184	227238	26.195	ng/ul	98
55) 4-Nitrophenol	14.651	109	524302	38.358	ng/ul	86
56) Dibenzofuran	14.840	168	2804973	30.430	ng/ul	99
57) 2,4-Dinitrotoluene	14.798	165	695071	31.922	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.069	232	586233	30.283	ng/ul	94
59) Diethylphthalate	15.269	149	2377233	30.131	ng/ul	99
61) Fluorene	15.498	166	2256460	30.265	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.493	204	1139136	30.407	ng/ul	99
63) 4-Nitroaniline	15.510	138	557560	36.434	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.575	198	380581	28.140	ng/ul	99
67) N-Nitrosodiphenylamine	15.704	169	1974852	30.538	ng/ul	99
68) 4-Bromophenyl-phenylether	16.404	248	742507	30.596	ng/ul	98
69) Hexachlorobenzene	16.528	284	865672	30.047	ng/ul	98
70) Atrazine	16.687	200	554850	22.619	ng/ul	98
71) Pentachlorophenol	16.875	266	549089	29.780	ng/ul	99
72) Phenanthrene	17.275	178	3683418	30.520	ng/ul	99
74) Anthracene	17.369	178	3660100	29.935	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.222	216	996647	30.494	ng/ul	97
76) Pentachlorobenzene	14.757	250	948897	28.011	ng/ul	100
77) Carbazole	17.645	167	3455785	31.426	ng/ul	100
78) Di-n-butylphthalate	18.251	149	4294601	32.084	ng/ul	100
80) Fluoranthene	19.363	202	4507232	32.278	ng/ul	99
82) Pyrene	19.739	202	4693226	31.734	ng/ul	99
83) Butylbenzylphthalate	20.680	149	2021759	33.389	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.586	252	1409212	26.713	ng/ul	99
85) Benzo(a)anthracene	21.669	228	4624590	31.057	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.622	149	2962643	33.150	ng/ul	100
87) Chrysene	21.739	228	4351221	31.050	ng/ul	100
89) Di-n-octyl phthalate	22.927	149	5041338	32.988	ng/ul	100
90) Benzo(b)fluoranthene	24.016	252	4757400	31.492	ng/ul	99
91) Benzo(k)fluoranthene	24.092	252	4655140	31.476	ng/ul	99
93) Benzo(a)pyrene	24.945	252	4273470	30.705	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.974	276	5617560	31.304	ng/ul	100
95) Dibenzo(a,h)anthracene	29.045	278	4551336	31.562	ng/ul	98
96) Benzo(g,h,i)perylene	30.174	276	4408945m	31.798	ng/ul	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

