

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082624\
 Data File : BP021689.D
 Acq On : 28 Aug 2024 04:30
 Operator : RC/JU
 Sample : P3697-02MS 10X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 GCN87MS

Quant Time: Aug 28 13:52:32 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	315766	20.000	ng/u1	0.00
20) Naphthalene-d8	10.581	136	1338440	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.434	164	854553	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.245	188	1893512	20.000	ng/u1	0.00
79) Chrysene-d12	21.698	240	1950219	20.000	ng/u1	0.00
88) Perylene-d12	25.104	264	2243086	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	37876	3.982	ng/uL	0.00
4) Pyridine-d5	3.693	84	96357	3.503	ng/u1	0.00
7) Phenol-d5	7.016	99	431940	12.818	ng/u1	0.06
9) Bis-(2-Chloroethyl)eth...	7.122	67	535800	29.216	ng/u1	0.00
11) 2-Chlorophenol-d4	7.334	132	700445	32.195	ng/u1	0.00
15) 4-Methylphenol-d8	8.569	113	742742m	28.523	ng/u1	0.08
21) Nitrobenzene-d5	8.934	128	336168	31.218	ng/u1	0.00
24) 2-Nitrophenol-d4	9.663	143	349517	31.976	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.252	165	714187	33.157	ng/u1	0.05
31) 4-Chloroaniline-d4	10.728	131	756010	24.125	ng/u1	0.02
46) Dimethylphthalate-d6	13.840	166	2000714	30.598	ng/u1	0.00
49) Acenaphthylene-d8	14.128	160	2248079	30.622	ng/u1	0.00
54) 4-Nitrophenol-d4	14.634	143	191697	15.409	ng/u1	0.00
60) Fluorene-d10	15.445	176	1726099	31.399	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.569	200	331517	31.832	ng/u1	0.00
73) Anthracene-d10	17.345	188	2900377	32.275	ng/u1	0.00
81) Pyrene-d10	19.716	212	3624431	32.511	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.874	264	4044809	33.817	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.311	88	52120	5.156	ng/uL#	1
5) Pyridine	3.711	79	112469	4.091	ng/u1	98
6) Benzaldehyde	6.934	77	586468	34.025	ng/u1	99
8) Phenol	7.046	94	475073m	13.520	ng/u1	
10) Bis(2-Chloroethyl)ether	7.216	93	825987	30.242	ng/u1	100
12) 2-Chlorophenol	7.364	128	751806	32.924	ng/u1	99
13) 2-Methylphenol	8.293	108	702926m	27.730	ng/u1	
14) 2,2'-oxybis(1-Chloropr...	8.311	45	789856	29.961	ng/u1#	66
16) Acetophenone	8.605	105	1311982	31.427	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.593	70	603004	30.608	ng/u1	97
18) 4-Methylphenol	8.634	108	724690	26.114	ng/u1	98
19) Hexachloroethane	8.869	117	284386	27.853	ng/u1	94
22) Nitrobenzene	8.981	77	938192	31.245	ng/u1	99
23) Isophorone	9.510	82	1767319	29.331	ng/u1	99
25) 2-Nitrophenol	9.693	139	394047	32.538	ng/u1	96
26) 2,4-Dimethylphenol	9.805	107	663105	22.309	ng/u1	100
27) Bis(2-Chloroethoxy)met...	9.987	93	1138388	30.126	ng/u1	98
29) 2,4-Dichlorophenol	10.281	162	718759	33.207	ng/u1	99
30) Naphthalene	10.628	128	2294607	30.419	ng/u1	100
32) 4-Chloroaniline	10.752	127	724958	22.915	ng/u1	99
33) Hexachlorobutadiene	10.916	225	418291	28.803	ng/u1	99
34) Caprolactam	11.540	113	48530	5.302	ng/u1	95
35) 4-Chloro-3-methylphenol	11.869	107	912857	31.865	ng/u1	99
36) 2-Methylnaphthalene	12.251	142	1535502	30.094	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.469	142	1527307	29.760	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.622	216	822692	30.545	ng/ul	99
40) Hexachlorocyclopentadiene	12.604	237	343111	22.201	ng/ul	99
41) 2,4,6-Trichlorophenol	12.857	196	569071	32.816	ng/ul	99
42) 2,4,5-Trichlorophenol	12.928	196	651136	34.774	ng/ul	99
43) 1,1'-Biphenyl	13.269	154	2039381	31.543	ng/ul	98
44) 2-Chloronaphthalene	13.304	162	1585499	31.276	ng/ul	99
45) 2-Nitroaniline	13.498	65	551460	34.725	ng/ul	97
47) Dimethylphthalate	13.887	163	2034635	31.075	ng/ul	99
48) 2,6-Dinitrotoluene	14.004	165	417649	34.588	ng/ul	96
50) Acenaphthylene	14.157	152	2574539	32.607	ng/ul	99
51) 3-Nitroaniline	14.334	138	457091	34.640	ng/ul	100
52) Acenaphthene	14.504	153	1737496	31.292	ng/ul	100
53) 2,4-Dinitrophenol	14.540	184	219845	30.411	ng/ul	96
55) 4-Nitrophenol	14.645	109	203648	17.879	ng/ul	95
56) Dibenzofuran	14.845	168	2452892	31.932	ng/ul	98
57) 2,4-Dinitrotoluene	14.798	165	648204	35.723	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.075	232	658824	40.838	ng/ul	97
59) Diethylphthalate	15.275	149	2144914	32.623	ng/ul	100
61) Fluorene	15.504	166	2027066	32.625	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.504	204	1000582	32.050	ng/ul	99
63) 4-Nitroaniline	15.522	138	520838	40.841	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.581	198	371100	31.855	ng/ul	97
67) N-Nitrosodiphenylamine	15.716	169	1787191	32.085	ng/ul	99
68) 4-Bromophenyl-phenylether	16.416	248	657777	31.467	ng/ul	98
69) Hexachlorobenzene	16.539	284	772751	31.139	ng/ul	98
70) Atrazine	16.698	200	524279	24.813	ng/ul	98
71) Pentachlorophenol	16.892	266	2805861	176.670	ng/ul	99
72) Phenanthrene	17.287	178	3427660	32.973	ng/ul	99
74) Anthracene	17.381	178	3381879	32.112	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.228	216	825308	29.317	ng/uL	98
76) Pentachlorobenzene	14.763	250	815044	27.933	ng/uL	99
77) Carbazole	17.651	167	3338753	35.248	ng/ul	100
78) Di-n-butylphthalate	18.263	149	4012623	34.803	ng/ul	100
80) Fluoranthene	19.369	202	4352629	33.458	ng/ul	100
82) Pyrene	19.745	202	4535094	32.915	ng/ul	98
83) Butylbenzylphthalate	20.686	149	1921224	34.057	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.592	252	987764	20.098	ng/ul	97
85) Benzo(a)anthracene	21.680	228	4631013	33.382	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.622	149	2770990	33.280	ng/ul	100
87) Chrysene	21.751	228	4296141	32.906	ng/ul	99
89) Di-n-octyl phthalate	22.933	149	4709681	33.170	ng/ul	100
90) Benzo(b)fluoranthene	24.027	252	4889858	34.840	ng/ul	99
91) Benzo(k)fluoranthene	24.104	252	4773331	34.740	ng/ul	99
93) Benzo(a)pyrene	24.951	252	4269025	33.015	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.998	276	5727388	34.353	ng/ul	98
95) Dibenzo(a,h)anthracene	29.062	278	4616524	34.458	ng/ul	98
96) Benzo(g,h,i)perylene	30.186	276	4551060m	35.329	ng/ul	

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

