

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082324\
 Data File : BP021625.D
 Acq On : 23 Aug 2024 14:13
 Operator : RC/JU
 Sample : SSTD01026
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD010603

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/24/2024
 Supervised By :mohammad ahmed 08/24/2024

Quant Time: Aug 23 16:27:27 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082324.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 23 16:18:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.799	152	255347	20.000	ng/u1	0.00
20) Naphthalene-d8	10.587	136	1040369	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.434	164	706572	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.239	188	1558203	20.000	ng/u1	0.00
79) Chrysene-d12	21.704	240	1561227	20.000	ng/u1	-0.01
88) Perylene-d12	25.115	264	1844651	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	34949	5.928	ng/uL	0.00
4) Pyridine-d5	3.699	84	246446	14.205	ng/u1	0.00
7) Phenol-d5	6.963	99	277453	12.648	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.128	67	159839	12.306	ng/u1	0.00
11) 2-Chlorophenol-d4	7.334	132	187794	10.990	ng/u1	0.00
15) 4-Methylphenol-d8	8.493	113	212942	11.909	ng/u1	0.00
21) Nitrobenzene-d5	8.946	128	86643	10.668	ng/u1	0.00
24) 2-Nitrophenol-d4	9.663	143	85670	9.425	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.204	165	174604	10.421	ng/u1	0.00
31) 4-Chloroaniline-d4	10.710	131	267436	11.871	ng/u1	0.00
46) Dimethylphthalate-d6	13.840	166	591838	11.418	ng/u1	0.00
49) Acenaphthylene-d8	14.128	160	652120	11.158	ng/u1	0.00
54) 4-Nitrophenol-d4	14.628	143	102129	12.896	ng/u1	0.00
60) Fluorene-d10	15.439	176	501782	11.754	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.557	200	72858	7.915	ng/u1	-0.01
73) Anthracene-d10	17.339	188	796792	11.279	ng/u1	0.00
81) Pyrene-d10	19.710	212	962041	10.142	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.886	264	1043126	11.276	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.317	88	36974	5.709	ng/uL	96
5) Pyridine	3.717	79	249297	14.043	ng/u1	99
6) Benzaldehyde	6.940	77	162586m	14.344	ng/u1	
8) Phenol	6.987	94	293581	13.070	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.222	93	234492	12.838	ng/u1	98
12) 2-Chlorophenol	7.363	128	194770	11.214	ng/u1	98
13) 2-Methylphenol	8.234	108	207994	12.223	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.310	45	227474	9.400	ng/u1	99
16) Acetophenone	8.610	105	362772	12.951	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.593	70	169732	11.801	ng/u1	99
18) 4-Methylphenol	8.557	108	228667	12.450	ng/u1	100
19) Hexachloroethane	8.881	117	89397	11.451	ng/u1	98
22) Nitrobenzene	8.987	77	250502	12.376	ng/u1	99
23) Isophorone	9.516	82	507107	12.566	ng/u1	100
25) 2-Nitrophenol	9.693	139	96574	10.024	ng/u1	98
26) 2,4-Dimethylphenol	9.757	107	246202	12.387	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.993	93	318110	12.894	ng/u1	100
29) 2,4-Dichlorophenol	10.228	162	178948	10.790	ng/u1	100
30) Naphthalene	10.640	128	639485	11.477	ng/u1	99
32) 4-Chloroaniline	10.734	127	271155	12.414	ng/u1	100
33) Hexachlorobutadiene	10.928	225	123058	10.106	ng/u1	96
34) Caprolactam	11.504	113	74969	13.837	ng/u1	98
35) 4-Chloro-3-methylphenol	11.863	107	237276	12.639	ng/u1	97
36) 2-Methylnaphthalene	12.245	142	433771	11.355	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.463	142	437482	11.261	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.622	216	237151	10.348	ng/ul	99
40) Hexachlorocyclopentadiene	12.604	237	119605	9.617	ng/ul	97
41) 2,4,6-Trichlorophenol	12.857	196	149385	10.286	ng/ul	99
42) 2,4,5-Trichlorophenol	12.928	196	160854	10.382	ng/ul	98
43) 1,1'-Biphenyl	13.263	154	577553	11.058	ng/ul	99
44) 2-Chloronaphthalene	13.304	162	451366	10.864	ng/ul	98
45) 2-Nitroaniline	13.498	65	134412	11.448	ng/ul	95
47) Dimethylphthalate	13.887	163	589994	11.210	ng/ul	98
48) 2,6-Dinitrotoluene	13.998	165	99276	9.544	ng/ul	94
50) Acenaphthylene	14.151	152	714752	10.906	ng/ul	98
51) 3-Nitroaniline	14.328	138	109656	11.648	ng/ul#	99
52) Acenaphthene	14.504	153	506821	11.498	ng/ul	99
53) 2,4-Dinitrophenol	14.539	184	47561	8.565	ng/ul	99
55) 4-Nitrophenol	14.639	109	100629	15.149	ng/ul	94
56) Dibenzofuran	14.845	168	700991	11.593	ng/ul	100
57) 2,4-Dinitrotoluene	14.798	165	152793	10.572	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.069	232	140571	10.638	ng/ul	97
59) Diethylphthalate	15.269	149	594429	11.288	ng/ul	99
61) Fluorene	15.498	166	574135	11.599	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.504	204	284042	10.766	ng/ul	97
63) 4-Nitroaniline	15.510	138	112188	13.538	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.575	198	85404	8.606	ng/ul#	97
67) N-Nitrosodiphenylamine	15.710	169	498430	10.919	ng/ul	100
68) 4-Bromophenyl-phenylether	16.410	248	181074	9.970	ng/ul	98
69) Hexachlorobenzene	16.534	284	215291	10.281	ng/ul	99
70) Atrazine	16.692	200	187373	11.186	ng/ul	99
71) Pentachlorophenol	16.881	266	124249	10.565	ng/ul	97
72) Phenanthrene	17.281	178	929224	11.311	ng/ul	100
74) Anthracene	17.375	178	951005	11.333	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.228	216	244015	9.827	ng/uL	97
76) Pentachlorobenzene	14.763	250	257353	10.429	ng/uL	97
77) Carbazole	17.645	167	862875	12.313	ng/ul	100
78) Di-n-butylphthalate	18.251	149	979034	10.384	ng/ul	100
80) Fluoranthene	19.363	202	1120739	9.840	ng/ul	100
82) Pyrene	19.739	202	1204840	10.277	ng/ul	97
83) Butylbenzylphthalate	20.692	149	455321	9.333	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.598	252	412953	11.337	ng/ul	100
85) Benzo(a)anthracene	21.680	228	1207123	10.954	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.633	149	667741	9.428	ng/ul	100
87) Chrysene	21.751	228	1155059	11.231	ng/ul	100
89) Di-n-octyl phthalate	22.945	149	1154817	9.585	ng/ul	100
90) Benzo(b)fluoranthene	24.033	252	1219501	10.730	ng/ul	99
91) Benzo(k)fluoranthene	24.104	252	1213667	10.745	ng/ul	100
93) Benzo(a)pyrene	24.957	252	1141147	10.752	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.003	276	1487524m	11.020	ng/ul	
95) Dibenzo(a,h)anthracene	29.086	278	1203097	10.827	ng/ul	98
96) Benzo(g,h,i)perylene	30.192	276	1147434m	10.582	ng/ul	

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

