

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092123\
 Data File : BP017275.D
 Acq On : 21 Sep 2023 20:04
 Operator : MA/JU
 Sample : PB155652BS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS652

Manual Integrations
 APPROVED

Reviewed By :Kiran Saleem 09/22/2023
 Supervised By :Jagrut Upadhyay 09/22/2023

Quant Time: Sep 22 00:22:05 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 21 23:51:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.940	152	174927	20.000	ng/u1	0.00
20) Naphthalene-d8	10.763	136	691210	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.598	164	403673	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.369	188	896415	20.000	ng/u1	0.00
79) Chrysene-d12	21.474	240	917715	20.000	ng/u1	0.00
88) Perylene-d12	23.998	264	1042824	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.305	96	30559	7.176	ng/uL	0.00
4) Pyridine-d5	3.740	84	440769	37.021	ng/u1	0.00
7) Phenol-d5	7.099	99	548471	38.176	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.281	67	315807	36.424	ng/u1	0.00
11) 2-Chlorophenol-d4	7.463	132	446796	39.211	ng/u1	0.00
15) 4-Methylphenol-d8	8.657	113	416802	37.316	ng/u1	0.00
21) Nitrobenzene-d5	9.140	128	205859	41.196	ng/u1	0.00
24) 2-Nitrophenol-d4	9.851	143	229029	42.211	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.381	165	419235	40.897	ng/u1	0.00
31) 4-Chloroaniline-d4	10.928	131	554788	37.361	ng/u1	0.00
46) Dimethylphthalate-d6	14.016	166	1159913	40.111	ng/u1	0.00
49) Acenaphthylene-d8	14.298	160	1334876	40.136	ng/u1	0.00
54) 4-Nitrophenol-d4	14.834	143	226060	44.871	ng/u1	0.00
60) Fluorene-d10	15.598	176	997147	40.053	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.734	200	205977	40.768	ng/u1	0.00
73) Anthracene-d10	17.469	188	1609809	40.492	ng/u1	0.00
81) Pyrene-d10	19.716	212	2002327	40.347	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.827	264	2091655	41.659	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.340	88	67485	15.473	ng/uL	94
5) Pyridine	3.758	79	431481	34.909	ng/u1	99
6) Benzaldehyde	7.099	77	284086	38.748	ng/u1	99
8) Phenol	7.128	94	567690	39.287	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.375	93	449933	38.520	ng/u1	98
12) 2-Chlorophenol	7.493	128	468600	40.496	ng/u1	99
13) 2-Methylphenol	8.387	108	416094	38.915	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.452	45	552615m	37.408	ng/u1	
16) Acetophenone	8.793	105	664305	38.488	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.757	70	335445	38.942	ng/u1	99
18) 4-Methylphenol	8.722	108	445734	38.906	ng/u1	100
19) Hexachloroethane	9.004	117	192900	40.157	ng/u1	96
22) Nitrobenzene	9.181	77	512610	40.428	ng/u1	98
23) Isophorone	9.693	82	919136	40.453	ng/u1	98
25) 2-Nitrophenol	9.887	139	254130	43.223	ng/u1	97
26) 2,4-Dimethylphenol	9.928	107	401664	34.287	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.181	93	566425	38.618	ng/u1	98
29) 2,4-Dichlorophenol	10.404	162	426749	42.223	ng/u1	99
30) Naphthalene	10.816	128	1417841	39.394	ng/u1	99
32) 4-Chloroaniline	10.951	127	533943	37.522	ng/u1	98
33) Hexachlorobutadiene	11.040	225	292720	41.615	ng/u1	97
34) Caprolactam	11.787	113	125426	42.949	ng/u1	94
35) 4-Chloro-3-methylphenol	12.063	107	430756	42.401	ng/u1	97
36) 2-Methylnaphthalene	12.422	142	934340	39.775	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.640	142	921668	38.383	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.769	216	526804	40.665	ng/ul	100
40) Hexachlorocyclopentadiene	12.716	237	215428	29.384	ng/ul	98
41) 2,4,6-Trichlorophenol	13.028	196	340834	43.374	ng/ul	99
42) 2,4,5-Trichlorophenol	13.104	196	365306	44.372	ng/ul	100
43) 1,1'-Biphenyl	13.434	154	1218413	39.782	ng/ul	99
44) 2-Chloronaphthalene	13.481	162	981791	40.434	ng/ul	99
45) 2-Nitroaniline	13.716	65	272086	45.615	ng/ul	96
47) Dimethylphthalate	14.063	163	1209102	41.507	ng/ul	99
48) 2,6-Dinitrotoluene	14.210	165	243253	48.078	ng/ul	93
50) Acenaphthylene	14.328	152	1590782	40.903	ng/ul	99
51) 3-Nitroaniline	14.551	138	249638	45.848	ng/ul	93
52) Acenaphthene	14.663	153	1038774	40.443	ng/ul	100
53) 2,4-Dinitrophenol	14.751	184	138114	43.639	ng/ul	96
55) 4-Nitrophenol	14.845	109	188380	47.862	ng/ul	94
56) Dibenzofuran	15.004	168	1449261	41.203	ng/ul	97
57) 2,4-Dinitrotoluene	14.992	165	364068	48.850	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.222	232	315588	45.177	ng/ul	95
59) Diethylphthalate	15.416	149	1221584	43.378	ng/ul	98
61) Fluorene	15.651	166	1187902	41.567	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.645	204	600427	41.456	ng/ul	99
63) 4-Nitroaniline	15.716	138	249520	51.346	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.745	198	229266	42.064	ng/ul	98
67) N-Nitrosodiphenylamine	15.875	169	1001364	40.612	ng/ul	99
68) 4-Bromophenyl-phenylether	16.551	248	378611	42.042	ng/ul	97
69) Hexachlorobenzene	16.628	284	439150	42.024	ng/ul	98
70) Atrazine	16.828	200	366900	41.533	ng/ul	99
71) Pentachlorophenol	16.998	266	291176	45.107	ng/ul	99
72) Phenanthrene	17.416	178	1945797	41.443	ng/ul	98
74) Anthracene	17.510	178	1968921	41.378	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.387	216	513480	37.323	ng/ul	99
76) Pentachlorobenzene	14.892	250	472101	36.326	ng/ul	98
77) Carbazole	17.792	167	1831121	43.264	ng/ul	99
78) Di-n-butylphthalate	18.304	149	2242959	48.193	ng/ul	99
80) Fluoranthene	19.386	202	2431131	42.005	ng/ul	98
82) Pyrene	19.739	202	2534320	41.190	ng/ul	99
83) Butylbenzylphthalate	20.598	149	1092812	50.093	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.398	252	848917	42.576	ng/ul	100
85) Benzo(a)anthracene	21.457	228	2642339	42.661	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.333	149	1626509	51.626	ng/ul	99
87) Chrysene	21.516	228	2448919	42.013	ng/ul	99
89) Di-n-octyl phthalate	22.298	149	2866148	49.965	ng/ul	100
90) Benzo(b)fluoranthene	23.215	252	2650739	43.113	ng/ul	100
91) Benzo(k)fluoranthene	23.268	252	2632305	42.436	ng/ul	99
93) Benzo(a)pyrene	23.886	252	2511476	42.693	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.674	276	3142387	42.617	ng/ul	99
95) Dibenzo(a,h)anthracene	26.698	278	2616631	42.606	ng/ul	98
96) Benzo(g,h,i)perylene	27.509	276	2513437	42.270	ng/ul	99

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

