

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112522\
 Data File : BP012725.D
 Acq On : 25 Nov 2022 14:08
 Operator : CG/JU
 Sample : SST04002
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SST040620

Manual Integrations
 APPROVED

Reviewed By :Jagrut
 Upadhyay

Quant Time: Nov 25 15:24:13 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112522.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Nov 25 15:13:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.022	152	550677	20.000	ng/u1	0.00
20) Naphthalene-d8	10.846	136	2442411	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.663	164	1548375	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.416	188	3259722	20.000	ng/u1	0.00
79) Chrysene-d12	21.504	240	2873082	20.000	ng/u1	0.00
88) Perylene-d12	24.021	264	2187464	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.399	96	202159	14.963	ng/uL	0.00
4) Pyridine-d5	3.817	84	1566330	41.024	ng/u1	0.00
7) Phenol-d5	7.169	99	1896060	40.844	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.352	67	1160082	41.767	ng/u1	0.00
11) 2-Chlorophenol-d4	7.552	132	1493674	41.812	ng/u1	0.00
15) 4-Methylphenol-d8	8.728	113	1538758	41.903	ng/u1	0.00
21) Nitrobenzene-d5	9.193	128	718317	39.748	ng/u1	0.00
24) 2-Nitrophenol-d4	9.916	143	780839	39.339	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.457	165	1606409	44.923	ng/u1	0.00
31) 4-Chloroaniline-d4	10.975	131	2133897	42.365	ng/u1	0.00
46) Dimethylphthalate-d6	14.069	166	4522037	42.371	ng/u1	0.00
49) Acenaphthylene-d8	14.357	160	5315230	44.023	ng/u1	0.00
54) 4-Nitrophenol-d4	14.845	143	840791	50.035	ng/u1	0.00
60) Fluorene-d10	15.657	176	3915687	43.270	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.769	200	671453	37.242	ng/u1	0.00
73) Anthracene-d10	17.516	188	6011770	42.469	ng/u1	0.00
81) Pyrene-d10	19.745	212	6808634	42.289	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.863	264	4741394	43.969	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.434	88	220657	15.289	ng/uL#	97
5) Pyridine	3.840	79	1541034	41.746	ng/u1	96
6) Benzaldehyde	7.158	77	1047908	48.291	ng/u1	99
8) Phenol	7.199	94	1991785	41.553	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.446	93	1630735	42.116	ng/u1	100
12) 2-Chlorophenol	7.587	128	1596183	41.659	ng/u1	99
13) 2-Methylphenol	8.463	108	1558743	42.095	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.558	45	2327980	45.935	ng/u1	95
16) Acetophenone	8.852	105	2445809	43.576	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.846	70	1187191	41.103	ng/u1	95
18) 4-Methylphenol	8.799	108	1702958	43.266	ng/u1	98
19) Hexachloroethane	9.116	117	613581	39.732	ng/u1	97
22) Nitrobenzene	9.234	77	1750089	40.338	ng/u1	98
23) Isophorone	9.763	82	3594719	42.753	ng/u1	99
25) 2-Nitrophenol	9.952	139	905184	40.870	ng/u1	95
26) 2,4-Dimethylphenol	10.005	107	1767395	40.581	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.252	93	2203052	41.137	ng/u1	100
29) 2,4-Dichlorophenol	10.481	162	1639681	44.373	ng/u1	99
30) Naphthalene	10.893	128	5236209	41.421	ng/u1	100
32) 4-Chloroaniline	10.999	127	2201463	42.526	ng/u1	99
33) Hexachlorobutadiene	11.181	225	1067473	43.628	ng/u1	99
34) Caprolactam	11.769	113	495024m	42.503	ng/u1	
35) 4-Chloro-3-methylphenol	12.110	107	1648954	40.762	ng/u1	96
36) 2-Methylnaphthalene	12.493	142	3649852	41.978	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.716	142	3647171	41.880	ng/u1	100
39) 1,2,4,5-Tetrachloroben...	12.857	216	2098529	45.351	ng/u1	98
40) Hexachlorocyclopentadiene	12.840	237	1013606	45.031	ng/u1	98
41) 2,4,6-Trichlorophenol	13.093	196	1363312	45.591	ng/u1	98
42) 2,4,5-Trichlorophenol	13.163	196	1457925	46.146	ng/u1	97
43) 1,1'-Biphenyl	13.498	154	4675181	41.965	ng/u1	99
44) 2-Chloronaphthalene	13.540	162	3767633	42.604	ng/u1	97
45) 2-Nitroaniline	13.740	65	895661	37.185	ng/u1	97
47) Dimethylphthalate	14.116	163	4668275	41.898	ng/u1	99
48) 2,6-Dinitrotoluene	14.234	165	897082	40.986	ng/u1	92
50) Acenaphthylene	14.387	152	5699196	42.885	ng/u1	100
51) 3-Nitroaniline	14.563	138	928795	41.858	ng/u1	95
52) Acenaphthene	14.728	153	3943295	41.880	ng/u1	99
53) 2,4-Dinitrophenol	14.763	184	474415	37.544	ng/u1	94
55) 4-Nitrophenol	14.863	109	600630	44.062	ng/u1	93
56) Dibenzofuran	15.063	168	5471757	42.986	ng/u1	95
57) 2,4-Dinitrotoluene	15.016	165	1298953	42.873	ng/u1	90
58) 2,3,4,6-Tetrachlorophenol	15.281	232	1263110	45.807	ng/u1	96
59) Diethylphthalate	15.481	149	4560470	41.225	ng/u1	97
61) Fluorene	15.710	166	4309144	42.407	ng/u1	99
62) 4-Chlorophenyl-phenyle...	15.704	204	2253975	43.849	ng/u1	92
63) 4-Nitroaniline	15.728	138	827252	44.617	ng/u1	94
66) 4,6-Dinitro-2-methylph...	15.781	198	722654	38.458	ng/u1#	92
67) N-Nitrosodiphenylamine	15.916	169	3850948	42.120	ng/u1	99
68) 4-Bromophenyl-phenylether	16.604	248	1375644	39.571	ng/u1	93
69) Hexachlorobenzene	16.716	284	1713349	41.400	ng/u1	96
70) Atrazine	16.875	200	1403160	43.089	ng/u1	99
71) Pentachlorophenol	17.057	266	1073921	46.210	ng/u1	99
72) Phenanthrene	17.463	178	7126933	41.977	ng/u1	100
74) Anthracene	17.557	178	7112709	40.930	ng/u1	99
75) 1,2,3,4-Tetrachloroben...	13.463	216	2106191	44.109	ng/uL	98
76) Pentachlorobenzene	14.981	250	2153363	41.847	ng/uL	100
77) Carbazole	17.816	167	6423792	44.309	ng/u1	99
78) Di-n-butylphthalate	18.369	149	7681124	39.414	ng/u1	99
80) Fluoranthene	19.416	202	8331150	41.901	ng/u1	99
82) Pyrene	19.775	202	8448080	41.679	ng/u1	95
83) Butylbenzylphthalate	20.639	149	2399807	29.476	ng/u1	99
84) 3,3'-Dichlorobenzidine	21.416	252	2496483	44.220	ng/u1	99
85) Benzo(a)anthracene	21.486	228	7857445	43.138	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.410	149	3729857	33.069	ng/u1	97
87) Chrysene	21.545	228	7380754	43.157	ng/u1	98
89) Di-n-octyl phthalate	22.380	149	6103547	38.653	ng/u1	100
90) Benzo(b)fluoranthene	23.251	252	6775988	46.225	ng/u1	99
91) Benzo(k)fluoranthene	23.304	252	6497606	46.510	ng/u1	99
93) Benzo(a)pyrene	23.916	252	5506040	45.760	ng/u1	100
94) Indeno(1,2,3-cd)pyrene	26.674	276	5365973	38.833	ng/u1	99
95) Dibenzo(a,h)anthracene	26.698	278	4904136	39.125	ng/u1	98
96) Benzo(g,h,i)perylene	27.486	276	4565744	36.841	ng/u1	99

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

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