

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120123\
 Data File : BP018514.D
 Acq On : 02 Dec 2023 13:46
 Operator : MA/JU
 Sample : PB157404BS
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS404

Quant Time: Dec 02 22:11:48 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 01 21:56:43 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/04/2023
 Supervised By :mohammad ahmed 12/04/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	410130	20.000	ng/u1	0.00
20) Naphthalene-d8	10.663	136	1794872	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.492	164	1071883	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.239	188	1991932	20.000	ng/u1	0.00
79) Chrysene-d12	21.321	240	1582420	20.000	ng/u1	0.00
88) Perylene-d12	23.698	264	1918768	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.269	96	75669	6.287	ng/uL	0.00
4) Pyridine-d5	3.687	84	996251	30.904	ng/u1	0.00
7) Phenol-d5	7.034	99	1457564	35.414	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.199	67	841155	34.482	ng/u1	0.00
11) 2-Chlorophenol-d4	7.393	132	1084423	33.766	ng/u1	0.00
15) 4-Methylphenol-d8	8.581	113	1087694	32.655	ng/u1	0.00
21) Nitrobenzene-d5	9.028	128	535144	33.499	ng/u1	0.00
24) 2-Nitrophenol-d4	9.745	143	558942	33.748	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.281	165	1103973	32.598	ng/u1	0.00
31) 4-Chloroaniline-d4	10.798	131	1248791	28.215	ng/u1	0.00
46) Dimethylphthalate-d6	13.910	166	2962869	30.971	ng/u1	0.00
49) Acenaphthylene-d8	14.186	160	3458511	32.831	ng/u1	0.00
54) 4-Nitrophenol-d4	14.692	143	491585	31.305	ng/u1	0.00
60) Fluorene-d10	15.480	176	2504592	31.190	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.604	200	389905	32.645	ng/u1	0.00
73) Anthracene-d10	17.339	188	3223267	30.780	ng/u1	0.00
81) Pyrene-d10	19.569	212	3551912	28.835	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.539	264	3714283	33.199	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.305	88	159302	12.070	ng/uL	98
5) Pyridine	3.711	79	1048045	32.193	ng/u1	95
6) Benzaldehyde	7.004	77	715628	33.677	ng/u1	97
8) Phenol	7.057	94	1436865	35.599	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.293	93	1145419	34.555	ng/u1	99
12) 2-Chlorophenol	7.428	128	1083762	33.343	ng/u1	97
13) 2-Methylphenol	8.310	108	1025683	33.193	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.393	45	1426487	33.916	ng/u1	98
16) Acetophenone	8.693	105	1690049	34.046	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.687	70	846628	31.002	ng/u1	98
18) 4-Methylphenol	8.646	108	1135113	33.641	ng/u1	97
19) Hexachloroethane	8.940	117	441075	33.101	ng/u1	99
22) Nitrobenzene	9.069	77	1274096	32.804	ng/u1	99
23) Isophorone	9.598	82	2477424	31.284	ng/u1	99
25) 2-Nitrophenol	9.775	139	603775	34.048	ng/u1	99
26) 2,4-Dimethylphenol	9.840	107	631031	18.195	ng/u1	100
27) Bis(2-Chloroethoxy)met...	10.081	93	1569486	31.392	ng/u1	100
29) 2,4-Dichlorophenol	10.310	162	1065920	32.676	ng/u1	99
30) Naphthalene	10.710	128	3501228	32.156	ng/u1	100
32) 4-Chloroaniline	10.822	127	1192693	28.274	ng/u1	99
33) Hexachlorobutadiene	10.998	225	707979	32.407	ng/u1	98
34) Caprolactam	11.610	113	326688m	32.661	ng/u1	
35) 4-Chloro-3-methylphenol	11.951	107	1112945	30.455	ng/u1	99
36) 2-Methylnaphthalene	12.322	142	2380801	30.864	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.539	142	2331589	29.930	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.687	216	1348622	34.678	ng/ul	97
40) Hexachlorocyclopentadiene	12.663	237	537656	23.325	ng/ul	99
41) 2,4,6-Trichlorophenol	12.928	196	788601	31.522	ng/ul	99
42) 2,4,5-Trichlorophenol	12.998	196	865531	31.912	ng/ul	99
43) 1,1'-Biphenyl	13.328	154	3099160	33.431	ng/ul	99
44) 2-Chloronaphthalene	13.369	162	2478139	33.846	ng/ul	99
45) 2-Nitroaniline	13.575	65	659119	33.207	ng/ul	99
47) Dimethylphthalate	13.957	163	2939117	31.211	ng/ul	99
48) 2,6-Dinitrotoluene	14.075	165	589315	33.123	ng/ul	95
50) Acenaphthylene	14.216	152	3880732	32.766	ng/ul	100
51) 3-Nitroaniline	14.398	138	553604	31.171	ng/ul	97
52) Acenaphthene	14.557	153	2556368	32.644	ng/ul	99
53) 2,4-Dinitrophenol	14.604	184	270206	28.656	ng/ul	98
55) 4-Nitrophenol	14.710	109	365909	30.842	ng/ul	96
56) Dibenzofuran	14.892	168	3498839	32.147	ng/ul	98
57) 2,4-Dinitrotoluene	14.857	165	789977	31.566	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.116	232	611022	26.858	ng/ul	97
59) Diethylphthalate	15.322	149	2734555	29.675	ng/ul	100
61) Fluorene	15.539	166	2688804	31.221	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.539	204	1424074	31.529	ng/ul	95
63) 4-Nitroaniline	15.563	138	533999	31.561	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.616	198	427918	33.511	ng/ul	97
67) N-Nitrosodiphenylamine	15.751	169	2257837	34.206	ng/ul	99
68) 4-Bromophenyl-phenylether	16.427	248	861943	34.276	ng/ul	98
69) Hexachlorobenzene	16.539	284	948264	33.774	ng/ul	99
70) Atrazine	16.704	200	168745	8.599	ng/ul	98
71) Pentachlorophenol	16.886	266	457218	27.381	ng/ul	100
72) Phenanthrene	17.280	178	4009632	33.329	ng/ul	100
74) Anthracene	17.369	178	3752757	31.120	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.292	216	1343635	39.011	ng/ul	98
76) Pentachlorobenzene	14.810	250	1243028	36.741	ng/ul	100
77) Carbazole	17.645	167	3342661	34.780	ng/ul	99
78) Di-n-butylphthalate	18.198	149	3980980	31.108	ng/ul	99
80) Fluoranthene	19.245	202	4231946	29.065	ng/ul	100
82) Pyrene	19.598	202	4296500	29.251	ng/ul	99
83) Butylbenzylphthalate	20.480	149	1597463	29.707	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.245	252	1200896	31.229	ng/ul	98
85) Benzo(a)anthracene	21.310	228	4243321	33.037	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.239	149	2293447	31.030	ng/ul	99
87) Chrysene	21.357	228	3979621	33.645	ng/ul	100
89) Di-n-octyl phthalate	22.157	149	4084709	29.157	ng/ul	100
90) Benzo(b)fluoranthene	22.968	252	4457856	31.510	ng/ul	99
91) Benzo(k)fluoranthene	23.021	252	4530056	33.094	ng/ul	99
93) Benzo(a)pyrene	23.592	252	4303615	33.292	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.174	276	5551011	35.941	ng/ul	99
95) Dibenzo(a,h)anthracene	26.192	278	4651526	36.204	ng/ul	98
96) Benzo(g,h,i)perylene	26.933	276	4551586	36.619	ng/ul	99

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

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