

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120123\
 Data File : BP018515.D
 Acq On : 02 Dec 2023 14:20
 Operator : MA/JU
 Sample : PB157193BS
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS193

Manual Integrations
 APPROVED

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

Quant Time: Dec 02 22:13:42 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.864	152	478851	20.000	ng/u1	0.00
20) Naphthalene-d8	10.663	136	2126622	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.493	164	1391925	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.240	188	2992510	20.000	ng/u1	0.00
79) Chrysene-d12	21.322	240	2111828	20.000	ng/u1	0.00
88) Perylene-d12	23.698	264	2185353	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.270	96	76424	5.439	ng/uL	0.00
4) Pyridine-d5	3.687	84	1012331	26.896	ng/u1	0.00
7) Phenol-d5	7.034	99	1516205	31.552	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.199	67	871277	30.591	ng/u1	0.00
11) 2-Chlorophenol-d4	7.393	132	1133651	30.233	ng/u1	0.00
15) 4-Methylphenol-d8	8.581	113	1165131	29.960	ng/u1	0.00
21) Nitrobenzene-d5	9.028	128	570293	30.130	ng/u1	0.00
24) 2-Nitrophenol-d4	9.746	143	616515	31.417	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.281	165	1212285	30.212	ng/u1	0.00
31) 4-Chloroaniline-d4	10.805	131	1375575	26.231	ng/u1	0.00
46) Dimethylphthalate-d6	13.910	166	3661823	29.476	ng/u1	0.00
49) Acenaphthylene-d8	14.187	160	4038121	29.520	ng/u1	0.00
54) 4-Nitrophenol-d4	14.698	143	662905	32.508	ng/u1	0.00
60) Fluorene-d10	15.481	176	3066295	29.405	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.604	200	575943	32.098	ng/u1	0.00
73) Anthracene-d10	17.340	188	4330571	27.527	ng/u1	0.00
81) Pyrene-d10	19.575	212	4951821	30.123	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.545	264	3795428	29.786	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.305	88	157848	10.244	ng/uL	99
5) Pyridine	3.711	79	1055334	27.765	ng/u1	95
6) Benzaldehyde	7.005	77	731788	29.495	ng/u1	97
8) Phenol	7.058	94	1507115	31.981	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.293	93	1188016	30.696	ng/u1	100
12) 2-Chlorophenol	7.428	128	1124551	29.633	ng/u1	98
13) 2-Methylphenol	8.311	108	1084684	30.065	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.393	45	1465607	29.845	ng/u1	99
16) Acetophenone	8.693	105	1798166	31.025	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.687	70	906551	28.433	ng/u1	98
18) 4-Methylphenol	8.646	108	1205672	30.604	ng/u1	97
19) Hexachloroethane	8.940	117	457223	29.389	ng/u1	98
22) Nitrobenzene	9.069	77	1347858	29.289	ng/u1	98
23) Isophorone	9.599	82	2714465	28.930	ng/u1	99
25) 2-Nitrophenol	9.781	139	652858	31.072	ng/u1	98
26) 2,4-Dimethylphenol	9.840	107	689777	16.786	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.081	93	1686194	28.465	ng/u1	100
29) 2,4-Dichlorophenol	10.310	162	1147863	29.699	ng/u1	98
30) Naphthalene	10.710	128	3703015	28.704	ng/u1	100
32) 4-Chloroaniline	10.828	127	1321610	26.443	ng/u1	100
33) Hexachlorobutadiene	10.999	225	752975	29.089	ng/u1	98
34) Caprolactam	11.616	113	425412m	35.896	ng/u1	
35) 4-Chloro-3-methylphenol	11.952	107	1285467	29.689	ng/u1	99
36) 2-Methylnaphthalene	12.322	142	2626840	28.742	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.540	142	2586282	28.021	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.687	216	1498253	29.668	ng/ul	99
40) Hexachlorocyclopentadiene	12.669	237	591716	19.768	ng/ul	98
41) 2,4,6-Trichlorophenol	12.928	196	915351	28.176	ng/ul	99
42) 2,4,5-Trichlorophenol	12.999	196	1037328	29.453	ng/ul	99
43) 1,1'-Biphenyl	13.334	154	3502063	29.091	ng/ul	98
44) 2-Chloronaphthalene	13.369	162	2801400	29.464	ng/ul	99
45) 2-Nitroaniline	13.581	65	813999	31.581	ng/ul	97
47) Dimethylphthalate	13.957	163	3626622	29.657	ng/ul	99
48) 2,6-Dinitrotoluene	14.075	165	752718	32.580	ng/ul	95
50) Acenaphthylene	14.216	152	4460974	29.005	ng/ul	100
51) 3-Nitroaniline	14.404	138	721215	31.271	ng/ul	98
52) Acenaphthene	14.557	153	2942020	28.931	ng/ul	99
53) 2,4-Dinitrophenol	14.604	184	382450	31.234	ng/ul	99
55) 4-Nitrophenol	14.710	109	495004	32.130	ng/ul	98
56) Dibenzofuran	14.893	168	4124973	29.186	ng/ul	98
57) 2,4-Dinitrotoluene	14.857	165	1074295	33.056	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.116	232	786027	26.606	ng/ul	97
59) Diethylphthalate	15.322	149	3564909	29.791	ng/ul	100
61) Fluorene	15.540	166	3225547	28.842	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.534	204	1701914	29.016	ng/ul	99
63) 4-Nitroaniline	15.569	138	740322	33.695	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.622	198	622392	32.444	ng/ul#	92
67) N-Nitrosodiphenylamine	15.751	169	2837797	28.618	ng/ul	99
68) 4-Bromophenyl-phenylether	16.434	248	1110789	29.402	ng/ul	94
69) Hexachlorobenzene	16.540	284	1272154	30.160	ng/ul	98
70) Atrazine	16.704	200	251184	8.520	ng/ul	98
71) Pentachlorophenol	16.887	266	652604	26.015	ng/ul	99
72) Phenanthrene	17.281	178	5309769	29.379	ng/ul	100
74) Anthracene	17.375	178	4963044	27.396	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.293	216	1525968	29.491	ng/ul	99
76) Pentachlorobenzene	14.810	250	1501153	29.535	ng/ul	100
77) Carbazole	17.645	167	4612064	31.943	ng/ul	99
78) Di-n-butylphthalate	18.204	149	5825797	30.302	ng/ul	100
80) Fluoranthene	19.245	202	5891676	30.320	ng/ul	100
82) Pyrene	19.598	202	5881089	30.001	ng/ul	99
83) Butylbenzylphthalate	20.481	149	2272075	31.660	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.245	252	1346724	26.242	ng/ul	99
85) Benzo(a)anthracene	21.310	228	5093085	29.712	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.239	149	3071461	31.139	ng/ul	99
87) Chrysene	21.363	228	4717271	29.884	ng/ul	99
89) Di-n-octyl phthalate	22.157	149	4819101	30.203	ng/ul	100
90) Benzo(b)fluoranthene	22.974	252	4811045	29.859	ng/ul	99
91) Benzo(k)fluoranthene	23.022	252	4516694	28.971	ng/ul	99
93) Benzo(a)pyrene	23.592	252	4392140	29.832	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.174	276	5631966	32.017	ng/ul	99
95) Dibenzo(a,h)anthracene	26.192	278	4727648	32.308	ng/ul	99
96) Benzo(g,h,i)perylene	26.933	276	4627034	32.685	ng/ul	98

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

