

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110123\
 Data File : BP017855.D
 Acq On : 01 Nov 2023 17:13
 Operator : MA/JU
 Sample : PB156550BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS550

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/03/2023
 Supervised By :mohammad ahmed 11/04/2023

Quant Time: Nov 02 01:57:19 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 19 01:32:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.881	152	135095	20.000	ng/u1	0.00
20) Naphthalene-d8	10.710	136	500478	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.574	164	295866	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.368	188	591083m	20.000	ng/u1	0.00
79) Chrysene-d12	21.521	240	509487	20.000	ng/u1	0.00
88) Perylene-d12	24.074	264	527857	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	24239	6.675	ng/uL	0.02
4) Pyridine-d5	3.704	84	296310	31.165	ng/u1	0.01
7) Phenol-d5	7.045	99	401418	35.707	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.228	67	249461	35.931	ng/u1	0.00
11) 2-Chlorophenol-d4	7.404	132	328868	35.867	ng/u1	0.00
15) 4-Methylphenol-d8	8.604	113	310199	35.137	ng/u1	0.00
21) Nitrobenzene-d5	9.086	128	153094	37.750	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.804	143	177030	39.508	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.328	165	311900	35.485	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.886	131	367609	31.958	ng/u1	0.00
46) Dimethylphthalate-d6	13.998	166	861823	34.699	ng/u1	0.00
49) Acenaphthylene-d8	14.274	160	970177	35.026	ng/u1	0.00
54) 4-Nitrophenol-d4	14.827	143	125835	35.557	ng/u1	0.00
60) Fluorene-d10	15.580	176	720159	33.543	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.733	200	146008	37.501	ng/u1	0.00
73) Anthracene-d10	17.474	188	1083101	35.857	ng/u1	0.00
81) Pyrene-d10	19.733	212	1223193	38.294	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.909	264	1054889	35.880	ng/u1	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.310	88	50854	13.202	ng/uL	93
5) Pyridine	3.728	79	288286	29.594	ng/u1	97
6) Benzaldehyde	7.045	77	210385	34.788	ng/u1	96
8) Phenol	7.069	94	406611	36.683	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.322	93	328945	35.571	ng/u1	99
12) 2-Chlorophenol	7.434	128	334373	36.309	ng/u1	99
13) 2-Methylphenol	8.334	108	301580	36.051	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.392	45	395706m	34.764	ng/u1	
16) Acetophenone	8.739	105	501237	36.114	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.704	70	232699	35.347	ng/u1	98
18) 4-Methylphenol	8.669	108	315687	35.536	ng/u1	95
19) Hexachloroethane	8.934	117	157323	37.180	ng/u1	85
22) Nitrobenzene	9.134	77	416114	41.209	ng/u1	99
23) Isophorone	9.645	82	707008	39.155	ng/u1	100
25) 2-Nitrophenol	9.833	139	187437	39.189	ng/u1	90
26) 2,4-Dimethylphenol	9.881	107	332624	35.433	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.133	93	417818	37.412	ng/u1	98
29) 2,4-Dichlorophenol	10.357	162	308233	36.672	ng/u1	96
30) Naphthalene	10.763	128	1035439	35.951	ng/u1	99
32) 4-Chloroaniline	10.910	127	327598	29.741	ng/u1	100
33) Hexachlorobutadiene	10.980	225	227275	33.303	ng/u1	98
34) Caprolactam	11.751	113	84020m	38.822	ng/u1	
35) 4-Chloro-3-methylphenol	12.027	107	319123	40.329	ng/u1	93
36) 2-Methylnaphthalene	12.380	142	676540	34.774	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.598	142	665224	33.434	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.733	216	374526	34.210	ng/ul	98
40) Hexachlorocyclopentadiene	12.675	237	192221	30.560	ng/ul	97
41) 2,4,6-Trichlorophenol	12.998	196	240896	36.664	ng/ul	99
42) 2,4,5-Trichlorophenol	13.075	196	253812	37.364	ng/ul	98
43) 1,1'-Biphenyl	13.404	154	891562	36.577	ng/ul	99
44) 2-Chloronaphthalene	13.451	162	712865	36.178	ng/ul	98
45) 2-Nitroaniline	13.698	65	213169	47.607	ng/ul	90
47) Dimethylphthalate	14.045	163	875744	35.776	ng/ul	100
48) 2,6-Dinitrotoluene	14.198	165	176414	39.155	ng/ul	95
50) Acenaphthylene	14.304	152	1130670	36.442	ng/ul	100
51) 3-Nitroaniline	14.539	138	161273	37.635	ng/ul	93
52) Acenaphthene	14.645	153	749317	35.725	ng/ul	99
53) 2,4-Dinitrophenol	14.751	184	89471	35.375	ng/ul#	81
55) 4-Nitrophenol	14.845	109	147859	39.469	ng/ul	91
56) Dibenzofuran	14.980	168	1023739	34.765	ng/ul	91
57) 2,4-Dinitrotoluene	14.986	165	259942	39.091	ng/ul	91
58) 2,3,4,6-Tetrachlorophenol	15.204	232	199132	33.034	ng/ul#	88
59) Diethylphthalate	15.410	149	884619	37.430	ng/ul	99
61) Fluorene	15.639	166	841500	34.788	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.633	204	428316	33.314	ng/ul	92
63) 4-Nitroaniline	15.721	138	157703	40.803	ng/ul	88
66) 4,6-Dinitro-2-methylph...	15.745	198	157330m	37.728	ng/ul	
67) N-Nitrosodiphenylamine	15.863	169	691203	38.599	ng/ul	100
68) 4-Bromophenyl-phenylether	16.545	248	248604m	35.946	ng/ul	
69) Hexachlorobenzene	16.621	284	269154	33.899	ng/ul#	90
70) Atrazine	16.833	200	213658	32.464	ng/ul	98
71) Pentachlorophenol	16.998	266	154938m	32.458	ng/ul	
72) Phenanthrene	17.415	178	1289728m	37.248	ng/ul	
74) Anthracene	17.510	178	1305432	37.224	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.351	216	366425	36.946	ng/uL	98
76) Pentachlorobenzene	14.874	250	316776	32.956	ng/uL	98
77) Carbazole	17.804	167	1130256	38.133	ng/ul	98
78) Di-n-butylphthalate	18.315	149	1473283	42.815	ng/ul	100
80) Fluoranthene	19.404	202	1492397	40.665	ng/ul	99
82) Pyrene	19.762	202	1545946	39.760	ng/ul	98
83) Butylbenzylphthalate	20.633	149	671821	50.237	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.445	252	412209	35.811	ng/ul	99
85) Benzo(a)anthracene	21.503	228	1468095	37.904	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.380	149	965114	51.699	ng/ul	99
87) Chrysene	21.556	228	1347136	36.780	ng/ul	98
89) Di-n-octyl phthalate	22.362	149	1618940	48.419	ng/ul	100
90) Benzo(b)fluoranthene	23.280	252	1370885	38.160	ng/ul	99
91) Benzo(k)fluoranthene	23.333	252	1338088	36.751	ng/ul	99
93) Benzo(a)pyrene	23.962	252	1262918	37.447	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.797	276	1448257	36.030	ng/ul	97
95) Dibenzo(a,h)anthracene	26.827	278	1209841	36.074	ng/ul	99
96) Benzo(g,h,i)perylene	27.644	276	1165858	35.999	ng/ul	98

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

