

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110623\
 Data File : BP017914.D
 Acq On : 06 Nov 2023 14:47
 Operator : MA/JU
 Sample : SST00540
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SST005603

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/08/2023
 Supervised By :mohammad ahmed 11/08/2023

Quant Time: Nov 07 03:26:50 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 07 03:03:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	55055	20.000	ng/u1	0.00
20) Naphthalene-d8	10.681	136	252815	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.528	164	173273	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.298	188	399954	20.000	ng/u1	0.00
79) Chrysene-d12	21.416	240	414625	20.000	ng/u1	0.00
88) Perylene-d12	23.898	264	463235	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.246	96	2856	1.957	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	0.000	99	0d	0.000	ng/u1	
9) Bis-(2-Chloroethyl)eth...	0.000	67	0d	0.000	ng/u1	
11) 2-Chlorophenol-d4	7.393	132	17633	4.350	ng/u1	0.00
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/u1	
21) Nitrobenzene-d5	9.069	128	8144	3.754	ng/u1	0.00
24) 2-Nitrophenol-d4	9.781	143	8770m	3.490	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.316	165	15793	3.446	ng/u1	0.02
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/u1	
46) Dimethylphthalate-d6	13.945	166	70550	4.401	ng/u1	0.00
49) Acenaphthylene-d8	14.222	160	75953	4.335	ng/u1	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	15.522	176	60134	4.502	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/u1	
73) Anthracene-d10	17.398	188	98121	4.509	ng/u1	0.00
81) Pyrene-d10	19.645	212	115192	4.170	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.733	264	119536	4.390	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.281	88	3145	1.945	ng/uL#	89
12) 2-Chlorophenol	7.422	128	16919	4.188	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.681	70	15795	4.244	ng/u1	98
19) Hexachloroethane	8.916	117	9319	4.531	ng/u1	96
22) Nitrobenzene	9.116	77	22835	3.925	ng/u1	98
23) Isophorone	9.616	82	42605	4.005	ng/u1	98
25) 2-Nitrophenol	9.810	139	9172	3.539	ng/u1#	87
26) 2,4-Dimethylphenol	9.857	107	21118	3.901	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.110	93	22248	3.786	ng/u1	97
29) 2,4-Dichlorophenol	10.346	162	15598m	3.477	ng/u1	
30) Naphthalene	10.734	128	70288	4.597	ng/u1	98
33) Hexachlorobutadiene	10.946	225	17035	4.685	ng/u1	94
35) 4-Chloro-3-methylphenol	11.999	107	19430	3.868	ng/u1	97
36) 2-Methylnaphthalene	12.346	142	45549	4.324	ng/u1	96
37) 1-Methylnaphthalene	12.563	142	49021	4.523	ng/u1	99
39) 1,2,4,5-Tetrachloroben...	12.693	216	28760	4.601	ng/u1	97
41) 2,4,6-Trichlorophenol	12.963	196	16244	4.078	ng/u1	95
42) 2,4,5-Trichlorophenol	13.046	196	16074	3.858	ng/u1	95
43) 1,1'-Biphenyl	13.357	154	65363	4.411	ng/u1	99
44) 2-Chloronaphthalene	13.404	162	51999	4.383	ng/u1	98
45) 2-Nitroaniline	13.663	65	12164m	3.442	ng/u1	
47) Dimethylphthalate	13.993	163	69775	4.415	ng/u1	98
48) 2,6-Dinitrotoluene	14.151	165	12579	4.022	ng/u1	91
50) Acenaphthylene	14.257	152	85170	4.336	ng/u1	99

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52) Acenaphthene	14.592	153	57457	4.405	ng/ul	95
56) Dibenzofuran	14.928	168	79442	4.384	ng/ul	99
57) 2,4-Dinitrotoluene	14.945	165	18902	4.076	ng/ul#	90
58) 2,3,4,6-Tetrachlorophenol	15.157	232	16262	4.199	ng/ul#	96
59) Diethylphthalate	15.345	149	70410	4.269	ng/ul	99
61) Fluorene	15.581	166	67838	4.436	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.575	204	35906	4.547	ng/ul	94
67) N-Nitrosodiphenylamine	15.804	169	55494	4.316	ng/ul	98
68) 4-Bromophenyl-phenylether	16.475	248	22580	4.567	ng/ul	96
69) Hexachlorobenzene	16.557	284	27472	4.867	ng/ul	99
72) Phenanthrene	17.339	178	109108	4.422	ng/ul	100
74) Anthracene	17.434	178	109605	4.372	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.310	216	29962	4.590	ng/uL	96
76) Pentachlorobenzene	14.822	250	30840	4.743	ng/uL	97
78) Di-n-butylphthalate	18.233	149	115192	4.127	ng/ul	99
80) Fluoranthene	19.322	202	133041	4.126	ng/ul#	96
82) Pyrene	19.675	202	142038	4.233	ng/ul	96
83) Butylbenzylphthalate	20.539	149	55836	3.786	ng/ul	94
85) Benzo(a)anthracene	21.398	228	147210	4.390	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.275	149	84502m	3.992	ng/ul	
87) Chrysene	21.457	228	139035	4.479	ng/ul	99
90) Benzo(b)fluoranthene	23.127	252	143088	4.247	ng/ul	99
91) Benzo(k)fluoranthene	23.180	252	149804	4.459	ng/ul	98
93) Benzo(a)pyrene	23.786	252	133679	4.286	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.527	276	160732	4.300	ng/ul#	95
95) Dibenzo(a,h)anthracene	26.557	278	135578	4.368	ng/ul#	96
96) Benzo(g,h,i)perylene	27.351	276	131925	4.430	ng/ul#	95

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

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