

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080423\
 Data File : BP016497.D
 Acq On : 04 Aug 2023 11:48
 Operator : MA/JU
 Sample : SST00511
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SST005611

Quant Time: Aug 04 14:18:59 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP080423.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 04 14:09:57 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.069	152	416420	20.000	ng/ul	0.00
20) Naphthalene-d8	10.899	136	1614090	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.716	164	852660	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.486	188	1719949	20.000	ng/ul	0.00
79) Chrysene-d12	21.580	240	1528239	20.000	ng/ul	0.00
88) Perylene-d12	24.174	264	1698130	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.411	96	21629	2.048	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	0.000	99	0d	0.000	ng/ul	
9) Bis-(2-Chloroethyl)eth...	0.000	67	0d	0.000	ng/ul	
11) 2-Chlorophenol-d4	7.587	132	118825	4.371	ng/ul	0.00
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/ul	
21) Nitrobenzene-d5	9.263	128	49106	4.941	ng/ul	0.00
24) 2-Nitrophenol-d4	9.981	143	39963	4.875	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.505	165	93968	4.136	ng/ul	0.00
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	14.128	166	271085	4.344	ng/ul	0.00
49) Acenaphthylene-d8	14.416	160	312326	4.236	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	15.710	176	237436	4.472	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	17.587	188	337517	4.430	ng/ul	0.00
81) Pyrene-d10	19.816	212	380664	4.387	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.004	264	355080	4.334	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.446	88	23793	2.125	ng/uL	96
12) 2-Chlorophenol	7.616	128	129579	4.636	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.881	70	86297	3.747	ng/ul	96
19) Hexachloroethane	9.146	117	56056	4.794	ng/ul	95
22) Nitrobenzene	9.305	77	135416	5.089	ng/ul	99
23) Isophorone	9.822	82	227259	3.792	ng/ul	98
25) 2-Nitrophenol	10.010	139	48659	4.757	ng/ul	91
26) 2,4-Dimethylphenol	10.046	107	125551	4.341	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.310	93	168078	4.651	ng/ul	99
29) 2,4-Dichlorophenol	10.534	162	103322	4.498	ng/ul	96
30) Naphthalene	10.952	128	413407	4.945	ng/ul	98
33) Hexachlorobutadiene	11.187	225	74414	4.929	ng/ul	98
35) 4-Chloro-3-methylphenol	12.163	107	94175	3.704	ng/ul	95
36) 2-Methylnaphthalene	12.551	142	254502	4.467	ng/ul	99
37) 1-Methylnaphthalene	12.769	142	246579	4.329	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.893	216	131879	5.235	ng/ul	98
41) 2,4,6-Trichlorophenol	13.146	196	60921	4.105	ng/ul	98
42) 2,4,5-Trichlorophenol	13.210	196	69685	4.387	ng/ul	98
43) 1,1'-Biphenyl	13.551	154	322459	5.009	ng/ul	99
44) 2-Chloronaphthalene	13.598	162	257694	5.116	ng/ul	98
45) 2-Nitroaniline	13.822	65	48145	4.569	ng/ul	98
47) Dimethylphthalate	14.175	163	283173	4.500	ng/ul	100
48) 2,6-Dinitrotoluene	14.310	165	37445	4.129	ng/ul#	87
50) Acenaphthylene	14.445	152	386088	4.597	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) Acenaphthene	14.781	153	263888	4.872	ng/ul	99
56) Dibenzofuran	15.116	168	361838	4.880	ng/ul	100
57) 2,4-Dinitrotoluene	15.092	165	52930	4.094	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.328	232	50866	4.014	ng/ul	97
59) Diethylphthalate	15.528	149	263359	4.155	ng/ul	98
61) Fluorene	15.769	166	286382	4.755	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.757	204	140340	4.780	ng/ul	99
67) N-Nitrosodiphenylamine	15.981	169	229402	4.757	ng/ul	99
68) 4-Bromophenyl-phenylether	16.663	248	76185	4.671	ng/ul	96
69) Hexachlorobenzene	16.745	284	93917	4.802	ng/ul	97
72) Phenanthrene	17.528	178	442505	4.944	ng/ul	99
74) Anthracene	17.622	178	434091	4.762	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.504	216	126922	5.112	ng/uL	98
76) Pentachlorobenzene	15.010	250	110806	5.051	ng/uL	97
78) Di-n-butylphthalate	18.416	149	385472	3.857	ng/ul	100
80) Fluoranthene	19.486	202	460403	4.426	ng/ul	96
82) Pyrene	19.845	202	509861	4.744	ng/ul	98
83) Butylbenzylphthalate	20.704	149	155669	3.826	ng/ul	96
85) Benzo(a)anthracene	21.563	228	482377	4.660	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.451	149	224311	3.614	ng/ul	100
87) Chrysene	21.622	228	468518	4.888	ng/ul	99
90) Benzo(b)fluoranthene	23.369	252	460959	4.533	ng/ul	99
91) Benzo(k)fluoranthene	23.421	252	471203	4.656	ng/ul	98
93) Benzo(a)pyrene	24.057	252	428878	4.478	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.933	276	524264	4.740	ng/ul	98
95) Dibenzo(a,h)anthracene	26.968	278	444769	4.862	ng/ul	99
96) Benzo(g,h,i)perylene	27.792	276	430755	4.920	ng/ul	96

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

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