

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012221\
 Data File : BP004613.D
 Acq On : 22 Jan 2021 14:33
 Operator : CG/JU
 Sample : SSTD16002
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Jan 22 15:10:26 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP012221.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jan 22 13:31:31 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.799	152	45139	20.00	ng/ul	0.00
20) Naphthalene-d8	10.599	136	163736	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.451	164	129112	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.210	188	296252	20.00	ng/ul	0.00
79) Chrysene-d12	21.298	240	312730	20.00	ng/ul	0.00
88) Perylene-d12	23.627	264	299657	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	54287	42.06	ng/uL	0.00
4) Pyridine-d5	3.687	84	444971	127.01	ng/ul	-0.01
7) Phenol-d5	6.981	99	588704	145.39	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.146	67	319022	143.98	ng/ul	0.01
11) 2-Chlorophenol-d4	7.340	132	448894	145.45	ng/ul	0.00
15) 4-Methylphenol-d8	8.522	113	472235	151.45	ng/ul	0.02
21) Nitrobenzene-d5	8.969	128	219524	172.64	ng/ul	0.01
24) 2-Nitrophenol-d4	9.687	143	281152	202.99	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.228	165	608951	230.57	ng/ul	0.01
31) 4-Chloroaniline-d4	10.746	131	622560	163.07	ng/ul	0.01
46) Dimethylphthalate-d6	13.875	166	1783732	180.45	ng/ul	0.01
49) Acenaphthylene-d8	14.151	160	2085334	178.56	ng/ul	0.01
54) 4-Nitrophenol-d4	14.675	143	274755	168.32	ng/ul	0.04
60) Fluorene-d10	15.457	176	1608831	190.60	ng/ul	0.01
65) 4,6-Dinitro-2-methylph...	15.581	200	371811	213.08	ng/ul	0.02
73) Anthracene-d10	17.316	188	2537055	180.35	ng/ul	0.01
81) Pyrene-d10	19.551	212	2912208	179.51	ng/ul	0.01
92) Benzo(a)pyrene-d12	23.492	264	2876715	176.60	ng/ul	0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.311	88	58717	42.75	ng/uL#	87
5) Pyridine	3.711	79	440367	124.99	ng/ul	95
6) Benzaldehyde	6.946	77	192863	87.12	ng/ul	94
8) Phenol	7.005	94	601520	140.39	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.240	93	444891	134.21	ng/ul	96
12) 2-Chlorophenol	7.375	128	452677	139.10	ng/ul	96
13) 2-Methylphenol	8.252	108	461758	143.97	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.340	45	432441	113.73	ng/ul	98
16) Acetophenone	8.640	105	782567	155.39	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.652	70	408813	174.68	ng/ul	98
18) 4-Methylphenol	8.599	108	487280	141.83	ng/ul	95
19) Hexachloroethane	8.881	117	215667	164.14	ng/ul	97
22) Nitrobenzene	9.016	77	648694	211.96	ng/ul	98
23) Isophorone	9.557	82	1149603	195.93	ng/ul	99
25) 2-Nitrophenol	9.722	139	283254	182.50	ng/ul	98
26) 2,4-Dimethylphenol	9.787	107	613330	196.03	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.028	93	613366	164.52	ng/ul	98
29) 2,4-Dichlorophenol	10.257	162	582473	220.38	ng/ul	98
30) Naphthalene	10.657	128	1516581	165.30	ng/ul	99
32) 4-Chloroaniline	10.769	127	610722	158.12	ng/ul	97
33) Hexachlorobutadiene	10.940	225	499561	292.21	ng/ul	98
34) Caprolactam	11.610	113	81849	88.58	ng/ul	91
35) 4-Chloro-3-methylphenol	11.904	107	547176	197.65	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.269	142	1200801	187.08	ng/ul	99
37) 1-Methylnaphthalene	12.493	142	1155528	180.25	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.640	216	914973	213.48	ng/ul	97
40) Hexachlorocyclopentadiene	12.622	237	681681	440.98	ng/ul	99
41) 2,4,6-Trichlorophenol	12.881	196	553439	215.67	ng/ul	95
42) 2,4,5-Trichlorophenol	12.957	196	582703	216.69	ng/ul	98
43) 1,1'-Biphenyl	13.287	154	1714203	162.45	ng/ul	99
44) 2-Chloronaphthalene	13.328	162	1406829	171.70	ng/ul	98
45) 2-Nitroaniline	13.540	65	392547	190.33	ng/ul	97
47) Dimethylphthalate	13.928	163	1779219	175.76	ng/ul	99
48) 2,6-Dinitrotoluene	14.040	165	376424	194.08	ng/ul	97
50) Acenaphthylene	14.181	152	1967722	160.88	ng/ul	100
51) 3-Nitroaniline	14.369	138	246549	113.96	ng/ul	98
52) Acenaphthene	14.522	153	1419630	162.12	ng/ul	98
53) 2,4-Dinitrophenol	14.569	184	267754	290.08	ng/ul	95
55) 4-Nitrophenol	14.692	109	337986	281.83	ng/ul	95
56) Dibenzofuran	14.857	168	2128978	172.55	ng/ul	99
57) 2,4-Dinitrotoluene	14.828	165	527195	187.11	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.087	232	566231	257.80	ng/ul	98
59) Diethylphthalate	15.298	149	1720288	172.44	ng/ul	98
61) Fluorene	15.510	166	1917668	191.53	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.510	204	1139227	227.21	ng/ul	96
63) 4-Nitroaniline	15.545	138	214569	100.29	ng/ul	86
66) 4,6-Dinitro-2-methylph...	15.598	198	385736	211.81	ng/ul#	99
67) N-Nitrosodiphenylamine	15.722	169	1494374	158.22	ng/ul	99
68) 4-Bromophenyl-phenylether	16.404	248	717769	217.18	ng/ul	98
69) Hexachlorobenzene	16.510	284	801764	209.74	ng/ul	98
70) Atrazine	16.692	200	663999	189.85	ng/ul	98
71) Pentachlorophenol	16.857	266	510615	314.60	ng/ul	99
72) Phenanthrene	17.257	178	2946592	171.92	ng/ul	99
74) Anthracene	17.351	178	3000229	171.53	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.245	216	886323	186.84	ng/uL	98
76) Pentachlorobenzene	14.775	250	936379	194.35	ng/uL	99
77) Carbazole	17.622	167	2394476	153.17	ng/ul	99
78) Di-n-butylphthalate	18.186	149	2890394	162.69	ng/ul	99
80) Fluoranthene	19.228	202	3716457	182.60	ng/ul	99
82) Pyrene	19.580	202	3750823	176.22	ng/ul#	96
83) Butylbenzylphthalate	20.457	149	1250028	149.90	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.222	252	1309104	178.26	ng/ul	100
85) Benzo(a)anthracene	21.286	228	3556596	173.10	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.222	149	2021076	161.84	ng/ul	97
87) Chrysene	21.339	228	3443132	172.14	ng/ul	99
89) Di-n-octyl phthalate	22.127	149	2941984	145.65	ng/ul	100
90) Benzo(b)fluoranthene	22.933	252	3567671	182.25	ng/ul	100
91) Benzo(k)fluoranthene	22.933	252	3567671	179.39	ng/ul	98
93) Benzo(a)pyrene	23.545	252	3204844	180.89	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.074	276	4056540	175.83	ng/ul#	95
95) Dibenzo(a,h)anthracene	26.086	278	3551918	185.01	ng/ul	99
96) Benzo(g,h,i)perylene	26.809	276	3245042	170.65	ng/ul	97

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

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