

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030322\
 Data File : BP009258.D
 Acq On : 03 Mar 2022 14:29
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020736

Quant Time: Mar 03 15:30:22 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030222.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 02 18:15:01 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.822	152	401042	20.000	ng/ul	# 0.00
20) Naphthalene-d8	10.616	136	1591101	20.000	ng/ul	#-0.01
38) Acenaphthene-d10	14.463	164	953138	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.221	188	1897002	20.000	ng/ul	#-0.01
79) Chrysene-d12	21.333	240	1868536	20.000	ng/ul	0.00
88) Perylene-d12	23.739	264	1956495	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.316	96	79315	7.949	ng/uL	0.00
4) Pyridine-d5	3.722	84	478087	19.203	ng/ul	0.00
7) Phenol-d5	6.987	99	638090	19.641	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.157	67	385743	19.785	ng/ul	0.00
11) 2-Chlorophenol-d4	7.357	132	516115	20.320	ng/ul	0.00
15) 4-Methylphenol-d8	8.528	113	490946	19.769	ng/ul	0.00
21) Nitrobenzene-d5	8.975	128	212095	22.857	ng/ul	0.00
24) 2-Nitrophenol-d4	9.698	143	210839	23.973	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.234	165	484402	20.671	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.751	131	668364	20.170	ng/ul	0.00
46) Dimethylphthalate-d6	13.875	166	1355525	20.293	ng/ul	-0.01
49) Acenaphthylene-d8	14.151	160	1756509	19.902	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.651	143	217622	20.572	ng/ul	0.00
60) Fluorene-d10	15.457	176	1170690	20.142	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.569	200	158446	20.578	ng/ul	-0.01
73) Anthracene-d10	17.321	188	1776347	19.924	ng/ul	-0.01
81) Pyrene-d10	19.568	212	2030822	19.772	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.580	264	1979011	19.999	ng/ul	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.352	88	77341	7.752	ng/uL#	45
5) Pyridine	3.740	79	519410	19.662	ng/ul#	75
6) Benzaldehyde	6.963	77	441151	23.080	ng/ul	97
8) Phenol	7.016	94	653742	19.990	ng/ul#	89
10) Bis(2-Chloroethyl)ether	7.245	93	512839	19.646	ng/ul#	84
12) 2-Chlorophenol	7.387	128	518216	20.161	ng/ul	89
13) 2-Methylphenol	8.263	108	477715	19.580	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.357	45	633193	20.172	ng/ul#	90
16) Acetophenone	8.640	105	773112	20.377	ng/ul#	85
17) N-Nitroso-di-n-propyla...	8.634	70	382705	20.245	ng/ul#	83
18) 4-Methylphenol	8.592	108	516989	20.157	ng/ul	94
19) Hexachloroethane	8.904	117	211076	20.112	ng/ul#	79
22) Nitrobenzene	9.016	77	542796	22.463	ng/ul#	87
23) Isophorone	9.545	82	1066580	19.964	ng/ul#	96
25) 2-Nitrophenol	9.728	139	244420	23.752	ng/ul#	76
26) 2,4-Dimethylphenol	9.792	107	555285	19.989	ng/ul#	72
27) Bis(2-Chloroethoxy)met...	10.034	93	663698	20.318	ng/ul#	98
29) 2,4-Dichlorophenol	10.263	162	475628	20.614	ng/ul#	81
30) Naphthalene	10.669	128	1616530	19.997	ng/ul	97
32) 4-Chloroaniline	10.769	127	659910	20.124	ng/ul	96
33) Hexachlorobutadiene	10.969	225	332314	19.875	ng/ul	95
34) Caprolactam	11.533	113	128848	19.352	ng/ul#	44
35) 4-Chloro-3-methylphenol	11.904	107	476468	20.398	ng/ul#	63
36) 2-Methylnaphthalene	12.281	142	1094380	20.201	ng/ul	91

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.504	142	1101794	20.342	ng/ul#	95
39) 1,2,4,5-Tetrachloroben...	12.657	216	600533	19.812	ng/ul	95
40) Hexachlorocyclopentadiene	12.645	237	369085	19.387	ng/ul	96
41) 2,4,6-Trichlorophenol	12.892	196	358304	20.413	ng/ul#	82
42) 2,4,5-Trichlorophenol	12.957	196	391241	21.067	ng/ul#	88
43) 1,1'-Biphenyl	13.298	154	1450080	19.932	ng/ul#	94
44) 2-Chloronaphthalene	13.333	162	1108449	20.035	ng/ul	92
45) 2-Nitroaniline	13.533	65	236277	24.295	ng/ul#	85
47) Dimethylphthalate	13.922	163	1322010	20.449	ng/ul#	92
48) 2,6-Dinitrotoluene	14.033	165	216769	24.537	ng/ul	92
50) Acenaphthylene	14.180	152	1769588	20.223	ng/ul	95
51) 3-Nitroaniline	14.357	138	244410	21.912	ng/ul#	80
52) Acenaphthene	14.527	153	1133216	19.927	ng/ul	98
53) 2,4-Dinitrophenol	14.563	184	124583	23.067	ng/ul#	84
55) 4-Nitrophenol	14.663	109	170385	20.382	ng/ul#	37
56) Dibenzofuran	14.863	168	1628802	20.248	ng/ul	99
57) 2,4-Dinitrotoluene	14.822	165	319681	25.184	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.092	232	311863	21.477	ng/ul#	87
59) Diethylphthalate	15.298	149	1288450	20.593	ng/ul	94
61) Fluorene	15.516	166	1292566	20.498	ng/ul	93
62) 4-Chlorophenyl-phenyle...	15.516	204	654853	20.465	ng/ul	99
63) 4-Nitroaniline	15.522	138	246087	22.762	ng/ul#	70
66) 4,6-Dinitro-2-methylph...	15.586	198	166621	20.583	ng/ul#	92
67) N-Nitrosodiphenylamine	15.727	169	1110033	19.997	ng/ul	95
68) 4-Bromophenyl-phenylether	16.416	248	394441	19.932	ng/ul#	90
69) Hexachlorobenzene	16.527	284	447862	19.711	ng/ul#	89
70) Atrazine	16.686	200	386927	19.550	ng/ul	91
71) Pentachlorophenol	16.868	266	260090	19.391	ng/ul#	85
72) Phenanthrene	17.263	178	2018867	19.962	ng/ul	98
74) Anthracene	17.357	178	2032341	20.130	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.263	216	612972	19.174	ng/ul#	87
76) Pentachlorobenzene	14.786	250	552138	19.391	ng/ul	90
77) Carbazole	17.627	167	1820402	20.257	ng/ul	96
78) Di-n-butylphthalate	18.198	149	2090081	20.979	ng/ul#	93
80) Fluoranthene	19.239	202	2353784	19.888	ng/ul	99
82) Pyrene	19.592	202	2412992	19.943	ng/ul	98
83) Butylbenzylphthalate	20.486	149	852688	21.828	ng/ul#	79
84) 3,3'-Dichlorobenzidine	21.251	252	792760	20.133	ng/ul#	96
85) Benzo(a)anthracene	21.315	228	2360257	19.983	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.262	149	1375270	22.147	ng/ul#	81
87) Chrysene	21.368	228	2282803	19.943	ng/ul	98
89) Di-n-octyl phthalate	22.192	149	2207569	20.844	ng/ul	100
90) Benzo(b)fluoranthene	23.003	252	2396986	19.439	ng/ul	99
91) Benzo(k)fluoranthene	23.051	252	2337027	20.911	ng/ul#	96
93) Benzo(a)pyrene	23.633	252	2382542	20.163	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	26.250	276	2742510	19.602	ng/ul#	91
95) Dibenzo(a,h)anthracene	26.268	278	2366877	20.039	ng/ul#	92
96) Benzo(g,h,i)perylene	27.015	276	2309257	19.274	ng/ul#	87

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

