

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070722\
 Data File : BP010943.D
 Acq On : 07 Jul 2022 16:51
 Operator : CG/JU
 Sample : SSTDCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020695

Quant Time: Jul 08 01:00:09 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062322.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 06 23:13:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.699	152	441077	20.000	ng/ul	0.00
20) Naphthalene-d8	10.493	136	1820197	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.357	164	1034092	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.122	188	2063483	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.233	240	1977390	20.000	ng/ul	# 0.00
88) Perylene-d12	23.586	264	2003474	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	95860	8.221	ng/uL	0.00
4) Pyridine-d5	3.611	84	616873	19.875	ng/ul	0.00
7) Phenol-d5	6.875	99	690297	19.770	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.046	67	460128	20.150	ng/ul	0.00
11) 2-Chlorophenol-d4	7.234	132	584985	20.194	ng/ul	0.00
15) 4-Methylphenol-d8	8.416	113	555943	20.142	ng/ul	0.00
21) Nitrobenzene-d5	8.863	128	266669	23.014	ng/ul	0.00
24) 2-Nitrophenol-d4	9.581	143	249245	26.000	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.116	165	479892	20.260	ng/ul	0.00
31) 4-Chloroaniline-d4	10.640	131	784737	20.296	ng/ul	0.00
46) Dimethylphthalate-d6	13.775	166	1409519	19.898	ng/ul	0.00
49) Acenaphthylene-d8	14.045	160	1714221	18.961	ng/ul	0.00
54) 4-Nitrophenol-d4	14.569	143	247445	22.365	ng/ul	0.00
60) Fluorene-d10	15.351	176	1206276	19.844	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.475	200	165480	24.205	ng/ul	0.00
73) Anthracene-d10	17.216	188	1783971	19.432	ng/ul	0.00
81) Pyrene-d10	19.469	212	2015892	18.713	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.433	264	1957570	19.773	ng/ul	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.234	88	99272	7.984	ng/uL#	87
5) Pyridine	3.628	79	632903	20.130	ng/ul#	74
6) Benzaldehyde	6.852	77	407943	22.143	ng/ul	93
8) Phenol	6.905	94	745663	19.967	ng/ul#	85
10) Bis(2-Chloroethyl)ether	7.134	93	598000	19.938	ng/ul	91
12) 2-Chlorophenol	7.269	128	609233	20.374	ng/ul	91
13) 2-Methylphenol	8.152	108	546870	19.670	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.240	45	819954	20.376	ng/ul#	97
16) Acetophenone	8.528	105	864857	20.403	ng/ul#	88
17) N-Nitroso-di-n-propyla...	8.516	70	425974	19.874	ng/ul	89
18) 4-Methylphenol	8.481	108	592386	20.460	ng/ul	100
19) Hexachloroethane	8.775	117	241319	19.927	ng/ul#	81
22) Nitrobenzene	8.904	77	631141	21.826	ng/ul	92
23) Isophorone	9.434	82	1127886	18.600	ng/ul	98
25) 2-Nitrophenol	9.610	139	290133	24.992	ng/ul#	81
26) 2,4-Dimethylphenol	9.681	107	628667	19.821	ng/ul	95
27) Bis(2-Chloroethoxy)met...	9.922	93	765993	20.024	ng/ul	98
29) 2,4-Dichlorophenol	10.146	162	505611	20.542	ng/ul	98
30) Naphthalene	10.546	128	1862029	19.628	ng/ul	100
32) 4-Chloroaniline	10.663	127	787344	20.553	ng/ul	99
33) Hexachlorobutadiene	10.828	225	296074	18.829	ng/ul	96
34) Caprolactam	11.451	113	154450	19.975	ng/ul	87
35) 4-Chloro-3-methylphenol	11.798	107	541671	20.305	ng/ul	93
36) 2-Methylnaphthalene	12.163	142	1213590	19.755	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.387	142	1210834	19.840	ng/ul#	98
39) 1,2,4,5-Tetrachloroben...	12.534	216	560969	18.878	ng/ul	99
40) Hexachlorocyclopentadiene	12.510	237	324551	17.236	ng/ul	95
41) 2,4,6-Trichlorophenol	12.781	196	349444	20.397	ng/ul	97
42) 2,4,5-Trichlorophenol	12.851	196	387220	21.062	ng/ul	98
43) 1,1'-Biphenyl	13.187	154	1558111	19.140	ng/ul#	98
44) 2-Chloronaphthalene	13.222	162	1175475	19.168	ng/ul	97
45) 2-Nitroaniline	13.440	65	319081	24.524	ng/ul#	78
47) Dimethylphthalate	13.822	163	1424916	20.086	ng/ul	98
48) 2,6-Dinitrotoluene	13.940	165	251458	23.658	ng/ul	98
50) Acenaphthylene	14.075	152	1902845	19.218	ng/ul	98
51) 3-Nitroaniline	14.269	138	290602	22.805	ng/ul	89
52) Acenaphthene	14.422	153	1255306	19.649	ng/ul	99
53) 2,4-Dinitrophenol	14.475	184	102837	25.202	ng/ul#	84
55) 4-Nitrophenol	14.581	109	200136	22.749	ng/ul#	76
56) Dibenzofuran	14.757	168	1742960	19.917	ng/ul	97
57) 2,4-Dinitrotoluene	14.728	165	370176	26.064	ng/ul	86
58) 2,3,4,6-Tetrachlorophenol	14.987	232	288780	21.934	ng/ul	91
59) Diethylphthalate	15.198	149	1431449	20.297	ng/ul	98
61) Fluorene	15.410	166	1385666	19.858	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.410	204	643685	19.706	ng/ul	96
63) 4-Nitroaniline	15.439	138	297276	25.232	ng/ul#	79
66) 4,6-Dinitro-2-methylph...	15.492	198	174968	23.684	ng/ul	96
67) N-Nitrosodiphenylamine	15.628	169	1192430	19.079	ng/ul	99
68) 4-Bromophenyl-phenylether	16.310	248	376147	18.189	ng/ul	96
69) Hexachlorobenzene	16.416	284	438794	18.319	ng/ul	97
70) Atrazine	16.592	200	395203	19.072	ng/ul	98
71) Pentachlorophenol	16.763	266	226325	18.350	ng/ul	96
72) Phenanthrene	17.163	178	2165070	19.703	ng/ul	98
74) Anthracene	17.251	178	2180450	19.729	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.145	216	580457	17.047	ng/ul	97
76) Pentachlorobenzene	14.669	250	526105	18.015	ng/ul	99
77) Carbazole	17.533	167	2037173	20.477	ng/ul	100
78) Di-n-butylphthalate	18.098	149	2391517	20.173	ng/ul	99
80) Fluoranthene	19.145	202	2461080	18.575	ng/ul#	90
82) Pyrene	19.498	202	2530870	18.915	ng/ul#	85
83) Butylbenzylphthalate	20.392	149	1039709	22.076	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.157	252	762395	18.672	ng/ul#	97
85) Benzo(a)anthracene	21.216	228	2443638	19.760	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.157	149	1595496	21.393	ng/ul#	96
87) Chrysene	21.269	228	2324880	19.618	ng/ul	99
89) Di-n-octyl phthalate	22.074	149	2626489	22.086	ng/ul	100
90) Benzo(b)fluoranthene	22.868	252	2499558	20.062	ng/ul#	96
91) Benzo(k)fluoranthene	22.916	252	2376057	20.064	ng/ul#	95
93) Benzo(a)pyrene	23.480	252	2412572	19.906	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	26.027	276	2794391	19.107	ng/ul#	90
95) Dibenzo(a,h)anthracene	26.051	278	2399654	19.129	ng/ul#	92
96) Benzo(g,h,i)perylene	26.774	276	2365898	19.018	ng/ul#	87

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

