

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030422\
 Data File : BP009267.D
 Acq On : 04 Mar 2022 14:29
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020738

Quant Time: Mar 04 15:09:43 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	7.828	152	466675	20.000	ng/ul	# 0.00
20) Naphthalene-d8	10.622	136	1806464	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.469	164	1083065	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.228	188	2190882	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.339	240	2216822	20.000	ng/ul	# 0.00
88) Perylene-d12	23.751	264	2332623	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.322	96	93317	8.037	ng/uL	0.00
4) Pyridine-d5	3.722	84	599902	20.707	ng/ul	0.00
7) Phenol-d5	6.993	99	751281	19.873	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.158	67	459257	20.242	ng/ul	0.00
11) 2-Chlorophenol-d4	7.358	132	598547	20.251	ng/ul	0.00
15) 4-Methylphenol-d8	8.534	113	567902	19.652	ng/ul	0.00
21) Nitrobenzene-d5	8.981	128	250234	23.753	ng/ul	0.00
24) 2-Nitrophenol-d4	9.704	143	249761	25.013	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.240	165	557082	20.939	ng/ul	0.00
31) 4-Chloroaniline-d4	10.757	131	767209	20.393	ng/ul	0.00
46) Dimethylphthalate-d6	13.881	166	1572123	20.712	ng/ul	0.00
49) Acenaphthylene-d8	14.163	160	1993079	19.873	ng/ul	0.00
54) 4-Nitrophenol-d4	14.657	143	262257	21.817	ng/ul	0.00
60) Fluorene-d10	15.469	176	1351787	20.468	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.581	200	193356	21.743	ng/ul	0.00
73) Anthracene-d10	17.328	188	2057267	19.980	ng/ul	0.00
81) Pyrene-d10	19.575	212	2392801	19.636	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.598	264	2334772	19.790	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.352	88	95714	8.244	ng/uL#	47
5) Pyridine	3.740	79	628760	20.454	ng/ul#	74
6) Benzaldehyde	6.963	77	509757	22.919	ng/ul	98
8) Phenol	7.016	94	760378	19.980	ng/ul	90
10) Bis(2-Chloroethyl)ether	7.252	93	599598	19.739	ng/ul#	84
12) 2-Chlorophenol	7.393	128	605344	20.238	ng/ul	88
13) 2-Methylphenol	8.269	108	553703	19.503	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.363	45	752899	20.612	ng/ul#	90
16) Acetophenone	8.646	105	886743	20.085	ng/ul#	85
17) N-Nitroso-di-n-propyla...	8.640	70	446839	20.313	ng/ul#	83
18) 4-Methylphenol	8.593	108	595047	19.938	ng/ul	91
19) Hexachloroethane	8.910	117	242726	19.875	ng/ul#	79
22) Nitrobenzene	9.022	77	627039	22.855	ng/ul#	88
23) Isophorone	9.552	82	1220562	20.123	ng/ul#	95
25) 2-Nitrophenol	9.734	139	286806	24.548	ng/ul#	74
26) 2,4-Dimethylphenol	9.799	107	638509	20.245	ng/ul#	71
27) Bis(2-Chloroethoxy)met...	10.040	93	767057	20.683	ng/ul#	97
29) 2,4-Dichlorophenol	10.269	162	547839	20.913	ng/ul#	83
30) Naphthalene	10.675	128	1841752	20.067	ng/ul	96
32) 4-Chloroaniline	10.781	127	754233	20.258	ng/ul	97
33) Hexachlorobutadiene	10.975	225	382459	20.147	ng/ul	95
34) Caprolactam	11.540	113	145091	19.194	ng/ul#	43
35) 4-Chloro-3-methylphenol	11.910	107	545381	20.565	ng/ul#	64
36) 2-Methylnaphthalene	12.287	142	1246174	20.261	ng/ul	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.510	142	1248907	20.309	ng/ul#	95
39) 1,2,4,5-Tetrachloroben...	12.657	216	682482	19.814	ng/ul	94
40) Hexachlorocyclopentadiene	12.651	237	421344	19.477	ng/ul	95
41) 2,4,6-Trichlorophenol	12.898	196	412057	20.659	ng/ul#	81
42) 2,4,5-Trichlorophenol	12.963	196	448144	21.237	ng/ul#	88
43) 1,1'-Biphenyl	13.304	154	1646333	19.915	ng/ul#	93
44) 2-Chloronaphthalene	13.340	162	1259072	20.027	ng/ul	92
45) 2-Nitroaniline	13.540	65	273522	24.751	ng/ul#	84
47) Dimethylphthalate	13.928	163	1518506	20.670	ng/ul#	92
48) 2,6-Dinitrotoluene	14.040	165	255405	25.442	ng/ul	95
50) Acenaphthylene	14.187	152	2011738	20.232	ng/ul	96
51) 3-Nitroaniline	14.363	138	286428	22.598	ng/ul#	81
52) Acenaphthene	14.534	153	1293541	20.018	ng/ul	96
53) 2,4-Dinitrophenol	14.569	184	154974	25.252	ng/ul#	81
55) 4-Nitrophenol	14.669	109	196544	20.691	ng/ul#	33
56) Dibenzofuran	14.869	168	1867664	20.432	ng/ul	99
57) 2,4-Dinitrotoluene	14.828	165	379283	26.295	ng/ul#	94
58) 2,3,4,6-Tetrachlorophenol	15.098	232	356338	21.596	ng/ul#	87
59) Diethylphthalate	15.304	149	1501199	21.115	ng/ul	93
61) Fluorene	15.522	166	1480201	20.658	ng/ul	90
62) 4-Chlorophenyl-phenyle...	15.522	204	759836	20.898	ng/ul	99
63) 4-Nitroaniline	15.534	138	290932	23.681	ng/ul#	70
66) 4,6-Dinitro-2-methylph...	15.592	198	204565	21.880	ng/ul#	94
67) N-Nitrosodiphenylamine	15.734	169	1282767	20.009	ng/ul	93
68) 4-Bromophenyl-phenylether	16.422	248	455055	19.911	ng/ul	92
69) Hexachlorobenzene	16.534	284	521253	19.864	ng/ul#	87
70) Atrazine	16.692	200	455826	19.942	ng/ul#	91
71) Pentachlorophenol	16.881	266	299210	19.315	ng/ul#	86
72) Phenanthrene	17.275	178	2335001	19.991	ng/ul	97
74) Anthracene	17.363	178	2339607	20.065	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.269	216	699388	18.943	ng/ul#	87
76) Pentachlorobenzene	14.792	250	635744	19.332	ng/ul	90
77) Carbazole	17.633	167	2098200	20.217	ng/ul#	95
78) Di-n-butylphthalate	18.204	149	2477556	21.532	ng/ul#	93
80) Fluoranthene	19.251	202	2737830	19.499	ng/ul	98
82) Pyrene	19.604	202	2814161	19.604	ng/ul	98
83) Butylbenzylphthalate	20.492	149	1034146	22.314	ng/ul#	79
84) 3,3'-Dichlorobenzidine	21.257	252	935767	20.031	ng/ul#	98
85) Benzo(a)anthracene	21.321	228	2791684	19.922	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.269	149	1681965	22.830	ng/ul#	81
87) Chrysene	21.374	228	2664711	19.622	ng/ul	98
89) Di-n-octyl phthalate	22.198	149	2694634	21.340	ng/ul	100
90) Benzo(b)fluoranthene	23.016	252	2870155	19.523	ng/ul	99
91) Benzo(k)fluoranthene	23.063	252	2746372	20.611	ng/ul#	96
93) Benzo(a)pyrene	23.645	252	2784412	19.765	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.262	276	3231724	19.374	ng/ul#	91
95) Dibenzo(a,h)anthracene	26.286	278	2789604	19.810	ng/ul#	93
96) Benzo(g,h,i)perylene	27.033	276	2720865	19.048	ng/ul#	88

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

