

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122623\
 Data File : BP019076.D
 Acq On : 26 Dec 2023 10:53
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020723

Quant Time: Dec 26 21:46:00 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 21 04:46:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.810	152	128812	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.604	136	476532	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.445	164	272010	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.198	188	598075	20.000	ng/u1	-0.01
79) Chrysene-d12	21.292	240	681852	20.000	ng/u1	0.00
88) Perylene-d12	23.645	264	861243	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.246	96	31129	8.235	ng/uL	0.00
4) Pyridine-d5	3.663	84	198473	19.602	ng/u1	0.00
7) Phenol-d5	6.993	99	225573	17.450	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.151	67	136841	17.861	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.346	132	178604	17.707	ng/u1	0.00
15) 4-Methylphenol-d8	8.528	113	168398	16.097	ng/u1	-0.01
21) Nitrobenzene-d5	8.975	128	80524	18.986	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.698	143	83501	18.989	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.234	165	169066	18.803	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.751	131	209699	17.846	ng/u1	-0.01
46) Dimethylphthalate-d6	13.863	166	436906	17.997	ng/u1	-0.01
49) Acenaphthylene-d8	14.139	160	509880	19.073	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.663	143	71461	17.932	ng/u1	0.00
60) Fluorene-d10	15.439	176	389254	19.101	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.569	200	68623	19.136	ng/u1	0.00
73) Anthracene-d10	17.298	188	606511	19.290	ng/u1	0.00
81) Pyrene-d10	19.539	212	768624	14.481	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.492	264	933178	18.583	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.281	88	32812	7.916	ng/uL	97
5) Pyridine	3.681	79	202752	19.830	ng/u1	97
6) Benzaldehyde	6.957	77	104678	15.684	ng/u1	97
8) Phenol	7.016	94	226522	17.869	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.245	93	185187	17.788	ng/u1	99
12) 2-Chlorophenol	7.375	128	181945	17.823	ng/u1	98
13) 2-Methylphenol	8.263	108	162383	16.732	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.340	45	220437	16.687	ng/u1	98
16) Acetophenone	8.640	105	262193	16.817	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.628	70	123876	14.443	ng/u1	98
18) 4-Methylphenol	8.592	108	173552	16.377	ng/u1	98
19) Hexachloroethane	8.887	117	76855	18.364	ng/u1	87
22) Nitrobenzene	9.016	77	197817	19.183	ng/u1	99
23) Isophorone	9.545	82	334070	15.889	ng/u1	97
25) 2-Nitrophenol	9.728	139	90111	19.139	ng/u1	97
26) 2,4-Dimethylphenol	9.792	107	166671	18.101	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.028	93	223825	16.862	ng/u1	99
29) 2,4-Dichlorophenol	10.257	162	162885	18.807	ng/u1	98
30) Naphthalene	10.657	128	545273	18.862	ng/u1	99
32) 4-Chloroaniline	10.775	127	205571	18.355	ng/u1	98
33) Hexachlorobutadiene	10.939	225	128135	22.091	ng/u1	99
34) Caprolactam	11.557	113	37848	14.252	ng/u1	94
35) 4-Chloro-3-methylphenol	11.904	107	158196	16.305	ng/u1	98
36) 2-Methylnaphthalene	12.269	142	360862	17.620	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.486	142	361614	17.484	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.639	216	224642	22.763	ng/ul	95
40) Hexachlorocyclopentadiene	12.610	237	108351	18.523	ng/ul	96
41) 2,4,6-Trichlorophenol	12.881	196	125900	19.831	ng/ul	99
42) 2,4,5-Trichlorophenol	12.957	196	136828	19.880	ng/ul	99
43) 1,1'-Biphenyl	13.280	154	457494	19.447	ng/ul	98
44) 2-Chloronaphthalene	13.322	162	367029	19.754	ng/ul	99
45) 2-Nitroaniline	13.539	65	88939	17.657	ng/ul	99
47) Dimethylphthalate	13.910	163	432362	18.092	ng/ul	99
48) 2,6-Dinitrotoluene	14.033	165	79187	17.539	ng/ul	99
50) Acenaphthylene	14.169	152	574400	19.111	ng/ul	99
51) 3-Nitroaniline	14.363	138	79299	17.595	ng/ul	99
52) Acenaphthene	14.510	153	383952	19.321	ng/ul	99
53) 2,4-Dinitrophenol	14.575	184	42424	17.729	ng/ul	93
55) 4-Nitrophenol	14.680	109	58324	19.372	ng/ul	95
56) Dibenzofuran	14.845	168	541543	19.607	ng/ul	98
57) 2,4-Dinitrotoluene	14.822	165	118097	18.595	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.075	232	113881	19.725	ng/ul	94
59) Diethylphthalate	15.274	149	406559	17.386	ng/ul	100
61) Fluorene	15.498	166	428211	19.593	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.492	204	226461	19.757	ng/ul	99
63) 4-Nitroaniline	15.527	138	79832	18.593	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.580	198	73858	19.264	ng/ul#	97
67) N-Nitrosodiphenylamine	15.710	169	358350	18.082	ng/ul	99
68) 4-Bromophenyl-phenylether	16.392	248	142987	18.938	ng/ul	94
69) Hexachlorobenzene	16.498	284	172600	20.474	ng/ul	99
70) Atrazine	16.669	200	77650	13.179	ng/ul	97
71) Pentachlorophenol	16.851	266	93027	18.555	ng/ul	98
72) Phenanthrene	17.239	178	705698	19.537	ng/ul	99
74) Anthracene	17.333	178	710021	19.610	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.245	216	210273	20.333	ng/uL	98
76) Pentachlorobenzene	14.763	250	207256	20.403	ng/uL	99
77) Carbazole	17.610	167	636747	22.066	ng/ul	99
78) Di-n-butylphthalate	18.163	149	648232	16.871	ng/ul	99
80) Fluoranthene	19.215	202	872897	13.913	ng/ul	95
82) Pyrene	19.568	202	929939	14.693	ng/ul	94
83) Butylbenzylphthalate	20.445	149	307879	13.287	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.215	252	322876	19.486	ng/ul	98
85) Benzo(a)anthracene	21.274	228	1020129	18.432	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.204	149	444073	13.944	ng/ul	98
87) Chrysene	21.327	228	963060	18.896	ng/ul	99
89) Di-n-octyl phthalate	22.115	149	810065	12.882	ng/ul	100
90) Benzo(b)fluoranthene	22.927	252	1116421	17.581	ng/ul	99
91) Benzo(k)fluoranthene	22.974	252	1114762	18.144	ng/ul	99
93) Benzo(a)pyrene	23.545	252	1066252	18.377	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.092	276	1404215	20.256	ng/ul	96
95) Dibenzo(a,h)anthracene	26.109	278	1167322	20.242	ng/ul	97
96) Benzo(g,h,i)perylene	26.844	276	1150474	20.621	ng/ul	95

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

