

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122721\
 Data File : BP008579.D
 Acq On : 28 Dec 2021 13:35
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020736

Quant Time: Dec 28 14:05:54 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP122321.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 23 14:48:11 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.898	152	541169	20.000	ng/u1	0.00
20) Naphthalene-d8	10.704	136	2232299	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.527	164	1401092	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.280	188	2546166	20.000	ng/u1	0.00
79) Chrysene-d12	21.356	240	2012709	20.000	ng/u1	0.00
88) Perylene-d12	23.786	264	2040824	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	101217	8.430	ng/uL	0.00
4) Pyridine-d5	3.757	84	697838	20.769	ng/u1	0.00
7) Phenol-d5	7.057	99	877071	20.316	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.228	67	491278	20.035	ng/u1	0.00
11) 2-Chlorophenol-d4	7.434	132	720769	20.987	ng/u1	0.00
15) 4-Methylphenol-d8	8.604	113	700479	20.226	ng/u1	0.00
21) Nitrobenzene-d5	9.057	128	343872	21.770	ng/u1	0.00
24) 2-Nitrophenol-d4	9.781	143	303667	20.967	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.316	165	747431	21.023	ng/u1	0.00
31) 4-Chloroaniline-d4	10.828	131	1000894	20.395	ng/u1	0.00
46) Dimethylphthalate-d6	13.939	166	2045569	19.760	ng/u1	0.00
49) Acenaphthylene-d8	14.222	160	2748285	21.232	ng/u1	0.00
54) 4-Nitrophenol-d4	14.710	143	288884	17.604	ng/u1	0.00
60) Fluorene-d10	15.521	176	1818659	20.234	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.633	200	192765	17.199	ng/u1	0.00
73) Anthracene-d10	17.374	188	2553325	21.162	ng/u1	0.00
81) Pyrene-d10	19.604	212	2489524	20.642	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.627	264	2173995	20.697	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.387	88	107950	8.316	ng/uL	99
5) Pyridine	3.775	79	725047	21.031	ng/u1	97
6) Benzaldehyde	7.034	77	567983	23.081	ng/u1	97
8) Phenol	7.087	94	920918	20.760	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.322	93	729826	20.557	ng/u1	98
12) 2-Chlorophenol	7.463	128	748780	20.890	ng/u1	98
13) 2-Methylphenol	8.339	108	696900	20.277	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.434	45	809587	19.797	ng/u1	100
16) Acetophenone	8.722	105	1130184	21.095	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.710	70	546098	20.479	ng/u1	98
18) 4-Methylphenol	8.669	108	767928	20.870	ng/u1	99
19) Hexachloroethane	8.986	117	294272	20.167	ng/u1	98
22) Nitrobenzene	9.098	77	772945	21.207	ng/u1	98
23) Isophorone	9.628	82	1507344	19.720	ng/u1	98
25) 2-Nitrophenol	9.810	139	366190	21.970	ng/u1	99
26) 2,4-Dimethylphenol	9.875	107	817428	20.752	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.110	93	978113	20.473	ng/u1	99
29) 2,4-Dichlorophenol	10.345	162	748407	20.987	ng/u1	99
30) Naphthalene	10.751	128	2465123	20.862	ng/u1	99
32) 4-Chloroaniline	10.857	127	1031100	20.719	ng/u1	99
33) Hexachlorobutadiene	11.051	225	520291	21.042	ng/u1	98
34) Caprolactam	11.610	113	188934	18.594	ng/u1	95
35) 4-Chloro-3-methylphenol	11.980	107	693169	19.826	ng/u1	97
36) 2-Methylnaphthalene	12.357	142	1724235	20.622	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.580	142	1747247	20.527	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.727	216	1000321	22.119	ng/ul	98
40) Hexachlorocyclopentadiene	12.716	237	588162	19.433	ng/ul	99
41) 2,4,6-Trichlorophenol	12.963	196	553376	21.549	ng/ul	99
42) 2,4,5-Trichlorophenol	13.033	196	618073	22.117	ng/ul	99
43) 1,1'-Biphenyl	13.369	154	2333116	21.481	ng/ul	99
44) 2-Chloronaphthalene	13.404	162	1807426	21.584	ng/ul	98
45) 2-Nitroaniline	13.598	65	351988	20.913	ng/ul	100
47) Dimethylphthalate	13.986	163	2070444	20.047	ng/ul	100
48) 2,6-Dinitrotoluene	14.098	165	379259	20.658	ng/ul	92
50) Acenaphthylene	14.251	152	2841064	21.451	ng/ul	100
51) 3-Nitroaniline	14.422	138	381540	20.167	ng/ul	97
52) Acenaphthene	14.592	153	1814885	20.985	ng/ul	100
53) 2,4-Dinitrophenol	14.627	184	125797	16.234	ng/ul	91
55) 4-Nitrophenol	14.722	109	205719	18.031	ng/ul	99
56) Dibenzofuran	14.927	168	2631011	20.804	ng/ul	98
57) 2,4-Dinitrotoluene	14.880	165	507261	19.970	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.151	232	425292	19.591	ng/ul	98
59) Diethylphthalate	15.351	149	1878180	18.618	ng/ul	100
61) Fluorene	15.574	166	2071568	20.560	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.574	204	1089968	20.395	ng/ul	98
63) 4-Nitroaniline	15.580	138	355238	20.486	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.645	198	207901	17.531	ng/ul	99
67) N-Nitrosodiphenylamine	15.786	169	1726084	22.168	ng/ul	100
68) 4-Bromophenyl-phenylether	16.468	248	618152	21.168	ng/ul	98
69) Hexachlorobenzene	16.586	284	723269	21.273	ng/ul	98
70) Atrazine	16.739	200	553315	18.727	ng/ul	98
71) Pentachlorophenol	16.927	266	300620	17.299	ng/ul	98
72) Phenanthrene	17.321	178	2981175	21.258	ng/ul	100
74) Anthracene	17.410	178	3009672	21.403	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.333	216	1057997	24.495	ng/ul	98
76) Pentachlorobenzene	14.851	250	922914	23.276	ng/ul	99
77) Carbazole	17.674	167	2463890	20.562	ng/ul	99
78) Di-n-butylphthalate	18.239	149	2584496	18.472	ng/ul	100
80) Fluoranthene	19.280	202	3044191	21.229	ng/ul	97
82) Pyrene	19.633	202	3126659	21.639	ng/ul	96
83) Butylbenzylphthalate	20.509	149	856785	17.495	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.274	252	853389	20.018	ng/ul	100
85) Benzo(a)anthracene	21.345	228	2711745	20.870	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.280	149	1318153	17.733	ng/ul	100
87) Chrysene	21.398	228	2637872	21.026	ng/ul	100
89) Di-n-octyl phthalate	22.215	149	1972949	15.181	ng/ul	100
90) Benzo(b)fluoranthene	23.045	252	2691270	19.901	ng/ul	99
91) Benzo(k)fluoranthene	23.098	252	2700166	20.688	ng/ul	99
93) Benzo(a)pyrene	23.680	252	2726196	21.060	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.321	276	3335826	23.368	ng/ul	97
95) Dibenzo(a,h)anthracene	26.339	278	2885222	23.293	ng/ul	99
96) Benzo(g,h,i)perylene	27.091	276	2822772	23.925	ng/ul	99

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

