

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121724\
 Data File : BG063705.D
 Acq On : 17 Dec 2024 19:17
 Operator : RC/JU
 Sample : PB165588BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS588

Quant Time: Dec 18 02:22:14 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 11 23:59:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.808	152	135403	20.000	ng/u1	0.00
20) Naphthalene-d8	10.593	136	600946	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.447	164	491814	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.197	188	1180842	20.000	ng/u1	0.00
79) Chrysene-d12	21.445	240	1106248	20.000	ng/u1	-0.02
88) Perylene-d12	24.453	264	1149991	20.000	ng/u1	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.266	96	19163	5.546	ng/uL	0.00
4) Pyridine-d5	3.671	84	279175	25.613	ng/u1	-0.02
7) Phenol-d5	6.991	99	389469	31.231	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.138	67	240640	27.939	ng/u1	0.00
11) 2-Chlorophenol-d4	7.344	132	249935	30.958	ng/u1	0.00
15) 4-Methylphenol-d8	8.525	113	293685	30.333	ng/u1	0.00
21) Nitrobenzene-d5	8.959	128	133089	31.017	ng/u1	0.00
24) 2-Nitrophenol-d4	9.676	143	161813	33.643	ng/u1	-0.02
28) 2,4-Dichlorophenol-d3	10.228	165	305673	32.825	ng/u1	0.00
31) 4-Chloroaniline-d4	10.734	131	351102	29.694	ng/u1	0.00
46) Dimethylphthalate-d6	13.854	166	1060318	31.684	ng/u1	0.00
49) Acenaphthylene-d8	14.136	160	1160784	30.428	ng/u1	0.00
54) 4-Nitrophenol-d4	14.682	143	170932	36.049	ng/u1	0.00
60) Fluorene-d10	15.440	176	972905	32.881	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.575	200	175636	28.647	ng/u1	0.00
73) Anthracene-d10	17.297	188	1646309	32.428	ng/u1	0.00
81) Pyrene-d10	19.594	212	1891457	32.857	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.253	264	1764728	32.678	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.295	88	39923	9.763	ng/uL#	95
5) Pyridine	3.689	79	280464	24.023	ng/u1	94
6) Benzaldehyde	6.944	77	166216	21.729	ng/u1	89
8) Phenol	7.020	94	403296	30.345	ng/u1	95
10) Bis(2-Chloroethyl)ether	7.232	93	280135	27.549	ng/u1	98
12) 2-Chlorophenol	7.379	128	251752m	30.806	ng/u1	
13) 2-Methylphenol	8.260	108	291389	30.335	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.325	45	421427	27.917	ng/u1	97
16) Acetophenone	8.624	105	480734	29.274	ng/u1	92
17) N-Nitroso-di-n-propyla...	8.607	70	273444	27.906	ng/u1	94
18) 4-Methylphenol	8.589	108	315941	30.052	ng/u1	100
19) Hexachloroethane	8.877	117	105406	26.250	ng/u1	97
22) Nitrobenzene	9.000	77	392399	27.386	ng/u1	95
23) Isophorone	9.523	82	761441	28.126	ng/u1	98
25) 2-Nitrophenol	9.711	139	160316	32.433	ng/u1#	87
26) 2,4-Dimethylphenol	9.782	107	246869	22.009	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.005	93	419828	28.671	ng/u1#	95
29) 2,4-Dichlorophenol	10.252	162	294446	31.822	ng/u1	98
30) Naphthalene	10.646	128	887110	29.526	ng/u1	99
32) 4-Chloroaniline	10.757	127	285981	25.421	ng/u1	99
33) Hexachlorobutadiene	10.928	225	189904	25.263	ng/u1	99
34) Caprolactam	11.515	113	119045m	37.219	ng/u1	
35) 4-Chloro-3-methylphenol	11.903	107	373734	34.404	ng/u1	98
36) 2-Methylnaphthalene	12.255	142	662446	30.678	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.479	142	667183	30.332	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.632	216	406958	25.848	ng/ul	97
40) Hexachlorocyclopentadiene	12.608	237	59367	9.538	ng/ul	99
41) 2,4,6-Trichlorophenol	12.878	196	252203	28.342	ng/ul	95
42) 2,4,5-Trichlorophenol	12.961	196	281018	30.260	ng/ul	94
43) 1,1'-Biphenyl	13.272	154	944387	29.117	ng/ul	96
44) 2-Chloronaphthalene	13.313	162	757731	29.093	ng/ul	98
45) 2-Nitroaniline	13.525	65	299394	34.318	ng/ul	97
47) Dimethylphthalate	13.901	163	1038116	30.952	ng/ul	100
48) 2,6-Dinitrotoluene	14.024	165	206348	33.127	ng/ul#	92
50) Acenaphthylene	14.165	152	1236775	30.235	ng/ul	96
51) 3-Nitroaniline	14.353	138	223748	38.851	ng/ul#	91
52) Acenaphthene	14.512	153	873969	30.144	ng/ul	95
53) 2,4-Dinitrophenol	14.576	184	77040m	24.201	ng/ul	
55) 4-Nitrophenol	14.694	109	145828	29.618	ng/ul	90
56) Dibenzofuran	14.847	168	1273988	31.168	ng/ul	98
57) 2,4-Dinitrotoluene	14.823	165	334080	36.094	ng/ul	91
58) 2,3,4,6-Tetrachlorophenol	15.082	232	223633	27.936	ng/ul	96
59) Diethylphthalate	15.270	149	1051706	32.436	ng/ul	98
61) Fluorene	15.499	166	1037491	31.787	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.487	204	543469	29.888	ng/ul	98
63) 4-Nitroaniline	15.522	138	239328	41.510	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.593	198	178281	28.226	ng/ul#	89
67) N-Nitrosodiphenylamine	15.704	169	931739	32.584	ng/ul	97
68) 4-Bromophenyl-phenylether	16.386	248	365275	30.353	ng/ul	94
69) Hexachlorobenzene	16.509	284	417337	30.952	ng/ul	96
70) Atrazine	16.656	200	154782	12.805	ng/ul	96
71) Pentachlorophenol	16.862	266	128071m	22.528	ng/ul	
72) Phenanthrene	17.238	178	1857836	32.648	ng/ul	98
74) Anthracene	17.332	178	1835025	31.861	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.243	216	435416	27.637	ng/ul	97
76) Pentachlorobenzene	14.770	250	447246	28.655	ng/ul	100
77) Carbazole	17.602	167	1650044	35.392	ng/ul	99
78) Di-n-butylphthalate	18.160	149	1996664	35.462	ng/ul	99
80) Fluoranthene	19.259	202	2159600	33.006	ng/ul	96
82) Pyrene	19.623	202	2275718	32.691	ng/ul	96
83) Butylbenzylphthalate	20.516	149	834026	39.030	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.345	252	658366	32.968	ng/ul	96
85) Benzo(a)anthracene	21.427	228	2138318	30.843	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.339	149	1193467	38.394	ng/ul	98
87) Chrysene	21.486	228	2000503	30.275	ng/ul	96
89) Di-n-octyl phthalate	22.467	149	2051257	41.326	ng/ul	100
90) Benzo(b)fluoranthene	23.507	252	2113875	32.342	ng/ul	100
91) Benzo(k)fluoranthene	23.566	252	2087593	32.020	ng/ul	99
93) Benzo(a)pyrene	24.318	252	1898615	30.948	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.861	276	2460762	32.844	ng/ul	96
95) Dibenzo(a,h)anthracene	27.908	278	2012687	33.573	ng/ul	98
96) Benzo(g,h,i)perylene	28.918	276	1929601	32.456	ng/ul	96

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

