

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092324\
 Data File : BG062996.D
 Acq On : 23 Sep 2024 17:11
 Operator : RC/JU
 Sample : PB163585BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS585

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/25/2024
 Supervised By :mohammad ahmed 09/26/2024

Quant Time: Sep 23 18:26:35 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 18 00:45:18 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.853	152	25723	20.000	ng/u1	0.00
20) Naphthalene-d8	10.649	136	127526	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.486	164	122035	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.236	188	312429	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.495	240	334231	20.000	ng/u1	# 0.01
88) Perylene-d12	24.533	264	392361	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.323	96	3166	3.605	ng/uL	0.00
4) Pyridine-d5	3.734	84	39395	16.524	ng/u1	0.00
7) Phenol-d5	7.024	99	62589	23.449	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.183	67	30964	20.730	ng/u1	0.00
11) 2-Chlorophenol-d4	7.394	132	40118	22.893	ng/u1	0.00
15) 4-Methylphenol-d8	8.563	113	49520	25.326	ng/u1	0.00
21) Nitrobenzene-d5	9.004	128	22325	21.974	ng/u1	0.00
24) 2-Nitrophenol-d4	9.727	143	25604	22.214	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.267	165	51883	21.696	ng/u1	0.00
31) 4-Chloroaniline-d4	10.778	131	65343	21.956	ng/u1	0.00
46) Dimethylphthalate-d6	13.898	166	195641	21.558	ng/u1	0.00
49) Acenaphthylene-d8	14.180	160	199353	19.668	ng/u1	0.00
54) 4-Nitrophenol-d4	14.692	143	29029	19.962	ng/u1	0.00
60) Fluorene-d10	15.485	176	181391	21.467	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.608	200	42059	22.270	ng/u1	0.00
73) Anthracene-d10	17.336	188	297041	20.117	ng/u1	0.00
81) Pyrene-d10	19.633	212	399077	19.714	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.327	264	433238	20.937	ng/u1	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.358	88	7377	8.488	ng/uL#	77
5) Pyridine	3.751	79	40225	16.943	ng/u1#	87
6) Benzaldehyde	6.989	77	36267	24.826	ng/u1	86
8) Phenol	7.053	94	63022	22.634	ng/u1#	88
10) Bis(2-Chloroethyl)ether	7.277	93	41827	22.218	ng/u1	90
12) 2-Chlorophenol	7.418	128	39853	22.155	ng/u1#	88
13) 2-Methylphenol	8.293	108	46161	23.968	ng/u1	89
14) 2,2'-oxybis(1-Chloropr...	8.370	45	46401	19.865	ng/u1	95
16) Acetophenone	8.669	105	81191	26.398	ng/u1#	92
17) N-Nitroso-di-n-propyla...	8.657	70	48009	26.731	ng/u1	96
18) 4-Methylphenol	8.622	108	51314	24.344	ng/u1	86
19) Hexachloroethane	8.928	117	16639	21.774	ng/u1#	83
22) Nitrobenzene	9.051	77	69674	23.100	ng/u1	94
23) Isophorone	9.568	82	136372	22.703	ng/u1#	96
25) 2-Nitrophenol	9.756	139	28164	22.252	ng/u1#	76
26) 2,4-Dimethylphenol	9.821	107	60947	21.493	ng/u1	95
27) Bis(2-Chloroethoxy)met...	10.056	93	64151	20.090	ng/u1#	89
29) 2,4-Dichlorophenol	10.297	162	52886	22.340	ng/u1	98
30) Naphthalene	10.696	128	151549	21.403	ng/u1	97
32) 4-Chloroaniline	10.802	127	55778	19.250	ng/u1	97
33) Hexachlorobutadiene	10.978	225	45157	23.866	ng/u1	92
34) Caprolactam	11.554	113	21593m	27.399	ng/u1	
35) 4-Chloro-3-methylphenol	11.936	107	65420	24.044	ng/u1	93
36) 2-Methylnaphthalene	12.306	142	114132	22.367	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.524	142	113469	21.973	ng/ul#	99
39) 1,2,4,5-Tetrachloroben...	12.676	216	85919	19.866	ng/ul	91
40) Hexachlorocyclopentadiene	12.659	237	46779	20.388	ng/ul	98
41) 2,4,6-Trichlorophenol	12.917	196	54689	20.292	ng/ul#	92
42) 2,4,5-Trichlorophenol	12.994	196	58999	20.838	ng/ul	95
43) 1,1'-Biphenyl	13.317	154	173805	19.173	ng/ul#	97
44) 2-Chloronaphthalene	13.358	162	138734	19.042	ng/ul	99
45) 2-Nitroaniline	13.563	65	53863	21.868	ng/ul	97
47) Dimethylphthalate	13.945	163	196185	21.130	ng/ul	99
48) 2,6-Dinitrotoluene	14.063	165	37500	21.167	ng/ul#	83
50) Acenaphthylene	14.210	152	210409	19.718	ng/ul	94
51) 3-Nitroaniline	14.392	138	33792	21.269	ng/ul#	90
52) Acenaphthene	14.556	153	148722	19.188	ng/ul	99
53) 2,4-Dinitrophenol	14.603	184	25394	23.998	ng/ul#	91
55) 4-Nitrophenol	14.709	109	46252	28.165	ng/ul#	70
56) Dibenzofuran	14.891	168	231503	20.141	ng/ul	96
57) 2,4-Dinitrotoluene	14.856	165	61915	23.188	ng/ul#	86
58) 2,3,4,6-Tetrachlorophenol	15.120	232	56932	22.345	ng/ul	97
59) Diethylphthalate	15.314	149	193132	18.695	ng/ul	98
61) Fluorene	15.544	166	180734	20.550	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.532	204	106892	22.026	ng/ul	98
63) 4-Nitroaniline	15.561	138	36703	23.018	ng/ul#	77
66) 4,6-Dinitro-2-methylph...	15.620	198	46534	23.033	ng/ul#	90
67) N-Nitrosodiphenylamine	15.749	169	170636	19.448	ng/ul	98
68) 4-Bromophenyl-phenylether	16.431	248	75295	21.678	ng/ul	96
69) Hexachlorobenzene	16.548	284	93066	23.206	ng/ul#	88
70) Atrazine	16.701	200	71636	19.685	ng/ul	93
71) Pentachlorophenol	16.889	266	49818	21.785	ng/ul	92
72) Phenanthrene	17.283	178	328224	19.776	ng/ul	100
74) Anthracene	17.371	178	340580	19.872	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.287	216	89564	18.799	ng/ul	97
76) Pentachlorobenzene	14.809	250	97376	19.365	ng/ul	96
77) Carbazole	17.641	167	273629	20.054	ng/ul	97
78) Di-n-butylphthalate	18.205	149	333340	18.995	ng/ul#	98
80) Fluoranthene	19.298	202	426774	19.318	ng/ul#	92
82) Pyrene	19.662	202	451780	19.182	ng/ul#	92
83) Butylbenzylphthalate	20.561	149	144266	17.625	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.390	252	159584	21.288	ng/ul	99
85) Benzo(a)anthracene	21.472	228	480424	20.290	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.390	149	209802	17.740	ng/ul#	97
87) Chrysene	21.536	228	442966	19.995	ng/ul	99
89) Di-n-octyl phthalate	22.541	149	365276	17.579	ng/ul	100
90) Benzo(b)fluoranthene	23.575	252	494202	20.689	ng/ul#	98
91) Benzo(k)fluoranthene	23.640	252	484071	20.340	ng/ul#	98
93) Benzo(a)pyrene	24.392	252	447717	19.938	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.964	276	569609	20.701	ng/ul#	88
95) Dibenzo(a,h)anthracene	28.023	278	460336	20.928	ng/ul#	92
96) Benzo(g,h,i)perylene	29.034	276	441146	20.880	ng/ul#	92

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

