

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062824\
 Data File : BG061787.D
 Acq On : 29 Jun 2024 1:09
 Operator : MA/JU
 Sample : PB161563BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS563

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/29/2024
 Supervised By :mohammad ahmed 06/29/2024

Quant Time: Jun 29 04:33:24 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 27 12:23:53 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.059	152	71584	20.000	ng/u1	0.00
20) Naphthalene-d8	10.868	136	323450	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.687	164	213328	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.431	188	477505	20.000	ng/u1	0.00
79) Chrysene-d12	21.690	240	378870	20.000	ng/u1	0.00
88) Perylene-d12	24.904	264	435485	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.459	96	14504m	7.319	ng/uL	0.00
4) Pyridine-d5	3.870	84	168192	28.073	ng/u1	0.00
7) Phenol-d5	7.207	99	239002	30.755	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.384	67	144924	29.916	ng/u1	0.00
11) 2-Chlorophenol-d4	7.583	132	164976	30.936	ng/u1	0.00
15) 4-Methylphenol-d8	8.758	113	179964	29.956	ng/u1	0.00
21) Nitrobenzene-d5	9.223	128	83153	37.862	ng/u1	0.00
24) 2-Nitrophenol-d4	9.939	143	96550	43.406	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.486	165	183472	34.835	ng/u1	0.00
31) 4-Chloroaniline-d4	10.997	131	212609	26.662	ng/u1	0.00
46) Dimethylphthalate-d6	14.087	166	544513	33.169	ng/u1	0.00
49) Acenaphthylene-d8	14.381	160	626958	34.848	ng/u1	0.00
54) 4-Nitrophenol-d4	14.875	143	96668	34.287	ng/u1	0.01
60) Fluorene-d10	15.674	176	483473	33.641	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.785	200	75018	36.740	ng/u1	0.00
73) Anthracene-d10	17.530	188	730505	33.515	ng/u1	0.00
81) Pyrene-d10	19.810	212	787745	37.223	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.687	264	750265	36.072	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.494	88	23231	9.433	ng/uL#	87
5) Pyridine	3.894	79	174904	27.157	ng/u1	97
6) Benzaldehyde	7.196	77	131978m	34.512	ng/u1	
8) Phenol	7.237	94	256103	31.317	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.472	93	179433	29.152	ng/u1#	95
12) 2-Chlorophenol	7.619	128	171376	32.032	ng/u1#	86
13) 2-Methylphenol	8.494	108	172168	30.091	ng/u1	89
14) 2,2'-oxybis(1-Chloropr...	8.576	45	386842	30.763	ng/u1	96
16) Acetophenone	8.882	105	283693	28.678	ng/u1	90
17) N-Nitroso-di-n-propyla...	8.864	70	150336	28.291	ng/u1	97
18) 4-Methylphenol	8.817	108	186489	29.094	ng/u1	98
19) Hexachloroethane	9.140	117	69742	32.511	ng/u1	92
22) Nitrobenzene	9.264	77	233889	36.968	ng/u1	93
23) Isophorone	9.787	82	440093	30.246	ng/u1	98
25) 2-Nitrophenol	9.975	139	99438	42.752	ng/u1#	78
26) 2,4-Dimethylphenol	10.028	107	171325	26.337	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.268	93	259941	31.581	ng/u1	97
29) 2,4-Dichlorophenol	10.509	162	172557	35.758	ng/u1	96
30) Naphthalene	10.921	128	583688	32.251	ng/u1	96
32) 4-Chloroaniline	11.026	127	204828	25.899	ng/u1	93
33) Hexachlorobutadiene	11.197	225	123313	36.994	ng/u1	97
34) Caprolactam	11.784	113	57917m	29.025	ng/u1	
35) 4-Chloro-3-methylphenol	12.137	107	215969	32.004	ng/u1	97
36) 2-Methylnaphthalene	12.519	142	407643	31.921	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.736	142	409716	30.069	ng/ul#	91
39) 1,2,4,5-Tetrachloroben...	12.877	216	222904	36.920	ng/ul	97
40) Hexachlorocyclopentadiene	12.854	237	62251	17.329	ng/ul	99
41) 2,4,6-Trichlorophenol	13.118	196	137847	35.388	ng/ul	89
42) 2,4,5-Trichlorophenol	13.194	196	151332	35.644	ng/ul	86
43) 1,1'-Biphenyl	13.523	154	540271	34.962	ng/ul	99
44) 2-Chloronaphthalene	13.565	162	419647	35.354	ng/ul	99
45) 2-Nitroaniline	13.764	65	170660	41.999	ng/ul	99
47) Dimethylphthalate	14.134	163	517902	31.770	ng/ul	99
48) 2,6-Dinitrotoluene	14.258	165	112321	41.521	ng/ul	96
50) Acenaphthylene	14.411	152	658996	32.814	ng/ul	99
51) 3-Nitroaniline	14.587	138	112952	40.773	ng/ul#	99
52) Acenaphthene	14.751	153	451723	32.479	ng/ul	98
53) 2,4-Dinitrophenol	14.787	184	42806	31.139	ng/ul#	85
55) 4-Nitrophenol	14.887	109	97974	33.650	ng/ul	96
56) Dibenzofuran	15.080	168	645381	33.160	ng/ul	96
57) 2,4-Dinitrotoluene	15.045	165	164196	40.891	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.304	232	128227	30.801	ng/ul#	97
59) Diethylphthalate	15.498	149	543253	32.356	ng/ul	95
61) Fluorene	15.733	166	532122	33.037	ng/ul	93
62) 4-Chlorophenyl-phenyle...	15.727	204	259109	32.405	ng/ul	97
63) 4-Nitroaniline	15.750	138	122688	41.804	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.803	198	80108	34.637	ng/ul#	88
67) N-Nitrosodiphenylamine	15.938	169	444259	35.978	ng/ul	96
68) 4-Bromophenyl-phenylether	16.620	248	180715	36.756	ng/ul	91
69) Hexachlorobenzene	16.726	284	210408	35.265	ng/ul	97
70) Atrazine	16.878	200	52221	10.588	ng/ul	96
71) Pentachlorophenol	17.072	266	101377	27.893	ng/ul	96
72) Phenanthrene	17.472	178	846033	33.678	ng/ul	99
74) Anthracene	17.560	178	820059	31.922	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.488	216	219450	41.250	ng/ul	94
76) Pentachlorobenzene	14.998	250	238617	37.349	ng/ul	91
77) Carbazole	17.830	167	749350	34.355	ng/ul	97
78) Di-n-butylphthalate	18.388	149	932152	35.731	ng/ul	99
80) Fluoranthene	19.475	202	920117	37.472	ng/ul	98
82) Pyrene	19.840	202	967264	37.047	ng/ul	95
83) Butylbenzylphthalate	20.721	149	404433	42.543	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.585	252	285031	35.580	ng/ul	96
85) Benzo(a)anthracene	21.673	228	922991	34.706	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.579	149	558125	39.941	ng/ul	96
87) Chrysene	21.737	228	858816	34.128	ng/ul	99
89) Di-n-octyl phthalate	22.795	149	966767	42.090	ng/ul	100
90) Benzo(b)fluoranthene	23.882	252	934777	35.708	ng/ul	97
91) Benzo(k)fluoranthene	23.952	252	928583	34.491	ng/ul	98
93) Benzo(a)pyrene	24.757	252	803179	31.869	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.576	276	1139342	36.279	ng/ul	99
95) Dibenzo(a,h)anthracene	28.641	278	933165	35.733	ng/ul	99
96) Benzo(g,h,i)perylene	29.716	276	890703	35.183	ng/ul	97

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

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