

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080524\
 Data File : BG062293.D
 Acq On : 7 Aug 2024 7:21
 Operator : MA/JU
 Sample : PB162282BS
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS282

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 08/07/2024
 Supervised By :mohammad ahmed 08/08/2024

Quant Time: Aug 07 08:26:24 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG080524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 07 01:46:39 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.958	152	53488	20.000	ng/u1	0.00
20) Naphthalene-d8	10.755	136	248089	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.579	164	193980	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.322	188	425772	20.000	ng/u1	0.00
79) Chrysene-d12	21.563	240	425754	20.000	ng/u1	0.00
88) Perylene-d12	24.653	264	473477	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.423	96	7395	5.961	ng/uL	0.00
4) Pyridine-d5	3.823	84	99116	25.398	ng/u1	0.00
7) Phenol-d5	7.112	99	155211	30.402	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.289	67	91219	29.026	ng/u1	0.00
11) 2-Chlorophenol-d4	7.488	132	110020	30.079	ng/u1	0.00
15) 4-Methylphenol-d8	8.657	113	123847	29.124	ng/u1	0.00
21) Nitrobenzene-d5	9.116	128	55380	36.202	ng/u1	0.00
24) 2-Nitrophenol-d4	9.832	143	58791	40.854	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.367	165	129756	31.045	ng/u1	0.00
31) 4-Chloroaniline-d4	10.878	131	161142	26.582	ng/u1	0.00
46) Dimethylphthalate-d6	13.991	166	419385	28.022	ng/u1	0.00
49) Acenaphthylene-d8	14.273	160	485641	28.619	ng/u1	0.00
54) 4-Nitrophenol-d4	14.761	143	71206	33.984	ng/u1	0.00
60) Fluorene-d10	15.572	176	390081	29.038	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.677	200	56539	44.839	ng/u1	0.00
73) Anthracene-d10	17.416	188	590653	28.762	ng/u1	0.00
81) Pyrene-d10	19.701	212	739509	29.223	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.448	264	737511	29.138	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.459	88	13390	9.561	ng/uL#	80
5) Pyridine	3.846	79	106944	26.365	ng/u1	97
6) Benzaldehyde	7.095	77	80783m	29.941	ng/u1	
8) Phenol	7.142	94	162562	30.177	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.383	93	116060	29.071	ng/u1	99
12) 2-Chlorophenol	7.524	128	118737	30.554	ng/u1	93
13) 2-Methylphenol	8.393	108	118434	29.157	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.487	45	243953	29.908	ng/u1	99
16) Acetophenone	8.775	105	201263	29.720	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.769	70	108615	30.180	ng/u1	97
18) 4-Methylphenol	8.722	108	136165	29.935	ng/u1	91
19) Hexachloroethane	9.045	117	46230	32.010	ng/u1	97
22) Nitrobenzene	9.157	77	149140	34.283	ng/u1	99
23) Isophorone	9.680	82	301836	28.841	ng/u1	99
25) 2-Nitrophenol	9.867	139	68072	38.998	ng/u1	93
26) 2,4-Dimethylphenol	9.920	107	116732	23.364	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.167	93	172553	29.237	ng/u1	98
29) 2,4-Dichlorophenol	10.396	162	131481	31.038	ng/u1	99
30) Naphthalene	10.802	128	418695	29.691	ng/u1	99
32) 4-Chloroaniline	10.907	127	145063	24.483	ng/u1	97
33) Hexachlorobutadiene	11.095	225	92131	28.736	ng/u1	97
34) Caprolactam	11.653	113	44095m	29.759	ng/u1	
35) 4-Chloro-3-methylphenol	12.023	107	154018	32.400	ng/u1	98
36) 2-Methylnaphthalene	12.411	142	304550	31.347	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.628	142	306899	30.490	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.775	216	189163	29.869	ng/ul	97
40) Hexachlorocyclopentadiene	12.764	237	70086	28.476	ng/ul	99
41) 2,4,6-Trichlorophenol	13.010	196	104500	28.450	ng/ul	100
42) 2,4,5-Trichlorophenol	13.081	196	116222	29.367	ng/ul	99
43) 1,1'-Biphenyl	13.416	154	428907	29.184	ng/ul	99
44) 2-Chloronaphthalene	13.457	162	340327	29.801	ng/ul	99
45) 2-Nitroaniline	13.651	65	109167	37.533	ng/ul	97
47) Dimethylphthalate	14.038	163	436689	29.085	ng/ul	100
48) 2,6-Dinitrotoluene	14.150	165	79969	39.010	ng/ul	93
50) Acenaphthylene	14.303	152	548031	30.310	ng/ul	98
51) 3-Nitroaniline	14.473	138	83990	35.990	ng/ul#	93
52) Acenaphthene	14.643	153	385549	28.641	ng/ul	96
53) 2,4-Dinitrophenol	14.673	184	33480	41.074	ng/ul	90
55) 4-Nitrophenol	14.773	109	59306	31.643	ng/ul	94
56) Dibenzofuran	14.978	168	546517	29.389	ng/ul	99
57) 2,4-Dinitrotoluene	14.931	165	116436	41.406	ng/ul#	100
58) 2,3,4,6-Tetrachlorophenol	15.201	232	96015	26.942	ng/ul	97
59) Diethylphthalate	15.407	149	432718	28.542	ng/ul	99
61) Fluorene	15.624	166	419019	28.816	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.624	204	217059	28.953	ng/ul	95
63) 4-Nitroaniline	15.636	138	85994	38.235	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.695	198	62607	43.091	ng/ul	100
67) N-Nitrosodiphenylamine	15.830	169	373698	29.290	ng/ul	99
68) 4-Bromophenyl-phenylether	16.517	248	147516	30.409	ng/ul	97
69) Hexachlorobenzene	16.629	284	172313	30.534	ng/ul	94
70) Atrazine	16.776	200	14919	3.052	ng/ul	99
71) Pentachlorophenol	16.964	266	76039	25.590	ng/ul	99
72) Phenanthrene	17.363	178	713397	29.769	ng/ul	99
74) Anthracene	17.451	178	712151	28.955	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.380	216	190384	29.856	ng/ul	98
76) Pentachlorobenzene	14.896	250	192765	28.896	ng/ul	96
77) Carbazole	17.716	167	608768	30.181	ng/ul	100
78) Di-n-butylphthalate	18.291	149	741542	30.896	ng/ul	99
80) Fluoranthene	19.366	202	847547	29.621	ng/ul	99
82) Pyrene	19.731	202	891844	29.268	ng/ul	99
83) Butylbenzylphthalate	20.629	149	325783	30.978	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.464	252	314871	32.855	ng/ul	99
85) Benzo(a)anthracene	21.546	228	928268	29.771	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.481	149	490281	30.206	ng/ul	99
87) Chrysene	21.610	228	884847	30.061	ng/ul	99
89) Di-n-octyl phthalate	22.662	149	842035	31.220	ng/ul	100
90) Benzo(b)fluoranthene	23.684	252	876922	30.447	ng/ul	99
91) Benzo(k)fluoranthene	23.749	252	875535	29.880	ng/ul	99
93) Benzo(a)pyrene	24.512	252	785445	28.821	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.160	276	1054380	29.856	ng/ul	98
95) Dibenzo(a,h)anthracene	28.219	278	880684	30.532	ng/ul	99
96) Benzo(g,h,i)perylene	29.247	276	834849m	31.130	ng/ul	

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

