

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070124\
 Data File : BG061837.D
 Acq On : 2 Jul 2024 8:20
 Operator : MA/JU
 Sample : P2963-24MSD
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4CS3MSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 07/02/2024
 Supervised By :mohammad ahmed 07/04/2024

Quant Time: Jul 02 08:54:43 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	8.055	152	74457	20.000	ng/ul	0.00
20) Naphthalene-d8	10.869	136	320313	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.688	164	204978	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.432	188	438226	20.000	ng/ul	0.00
79) Chrysene-d12	21.692	240	315890	20.000	ng/ul	0.00
88) Perylene-d12	24.917	264	389418	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.454	96	9605m	4.660	ng/uL	0.00
4) Pyridine-d5	3.877	84	42679	6.849	ng/ul	0.00
7) Phenol-d5	7.209	99	239921	29.682	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.379	67	147024	29.178	ng/ul	0.00
11) 2-Chlorophenol-d4	7.585	132	171395	30.900	ng/ul	0.00
15) 4-Methylphenol-d8	8.760	113	184804	29.575	ng/ul	0.00
21) Nitrobenzene-d5	9.224	128	86649	39.840	ng/ul	0.00
24) 2-Nitrophenol-d4	9.941	143	99195	45.032	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.481	165	193925	37.180	ng/ul	0.00
31) 4-Chloroaniline-d4	11.004	131	37132	4.702	ng/ul	0.00
46) Dimethylphthalate-d6	14.089	166	557566	35.348	ng/ul	0.00
49) Acenaphthylene-d8	14.383	160	620552	35.898	ng/ul	0.00
54) 4-Nitrophenol-d4	14.876	143	91116	33.634	ng/ul	0.01
60) Fluorene-d10	15.675	176	480726	34.812	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.793	200	69923	37.314	ng/ul	0.00
73) Anthracene-d10	17.532	188	710788	35.533	ng/ul	0.00
81) Pyrene-d10	19.811	212	601401	34.083	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.694	264	414761	22.300	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.495	88	26926	10.512	ng/uL#	83
5) Pyridine	3.901	79	82361	12.295	ng/ul	97
6) Benzaldehyde	7.191	77	116356m	29.253	ng/ul	
8) Phenol	7.238	94	302030	35.508	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.473	93	203004	31.709	ng/ul	95
12) 2-Chlorophenol	7.620	128	201630	36.233	ng/ul#	89
13) 2-Methylphenol	8.495	108	203692	34.227	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.578	45	447375	34.204	ng/ul	98
16) Acetophenone	8.883	105	335196	32.577	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.866	70	168835	30.546	ng/ul#	95
18) 4-Methylphenol	8.824	108	224538	33.678	ng/ul	97
19) Hexachloroethane	9.142	117	63814	28.600	ng/ul	89
22) Nitrobenzene	9.265	77	267847	42.750	ng/ul	91
23) Isophorone	9.788	82	524796	36.421	ng/ul	98
25) 2-Nitrophenol	9.976	139	114181	49.571	ng/ul#	72
26) 2,4-Dimethylphenol	10.035	107	241108	37.427	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.270	93	294655	36.149	ng/ul	93
29) 2,4-Dichlorophenol	10.511	162	203443	42.572	ng/ul	98
30) Naphthalene	10.922	128	691324	38.573	ng/ul	99
32) 4-Chloroaniline	11.028	127	86230	11.010	ng/ul	93
33) Hexachlorobutadiene	11.192	225	148254	44.912	ng/ul#	91
34) Caprolactam	11.809	113	56613m	28.650	ng/ul	
35) 4-Chloro-3-methylphenol	12.144	107	254643	38.105	ng/ul	99
36) 2-Methylnaphthalene	12.520	142	479096	37.884	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.737	142	495270	36.704	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.878	216	253254	43.656	ng/ul	94
40) Hexachlorocyclopentadiene	12.855	237	74296	21.525	ng/ul	92
41) 2,4,6-Trichlorophenol	13.119	196	167612	44.783	ng/ul	89
42) 2,4,5-Trichlorophenol	13.196	196	184233	45.160	ng/ul	87
43) 1,1'-Biphenyl	13.519	154	633942	42.695	ng/ul	99
44) 2-Chloronaphthalene	13.566	162	469129	41.132	ng/ul	97
45) 2-Nitroaniline	13.766	65	197522	50.589	ng/ul	94
47) Dimethylphthalate	14.136	163	587065	37.479	ng/ul#	97
48) 2,6-Dinitrotoluene	14.259	165	127896	49.205	ng/ul#	95
50) Acenaphthylene	14.412	152	755388	39.146	ng/ul	98
51) 3-Nitroaniline	14.588	138	82581	31.024	ng/ul	98
52) Acenaphthene	14.753	153	519160	38.849	ng/ul	92
53) 2,4-Dinitrophenol	14.794	184	48521	36.734	ng/ul	86
55) 4-Nitrophenol	14.894	109	117236	41.907	ng/ul	94
56) Dibenzofuran	15.082	168	752668	40.248	ng/ul	91
57) 2,4-Dinitrotoluene	15.047	165	189418	49.094	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.305	232	156599	39.149	ng/ul	94
59) Diethylphthalate	15.499	149	616514	38.216	ng/ul	96
61) Fluorene	15.734	166	605521	39.125	ng/ul	93
62) 4-Chlorophenyl-phenyle...	15.722	204	300500	39.113	ng/ul	98
63) 4-Nitroaniline	15.752	138	99908	35.429	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.804	198	87106	41.039	ng/ul#	85
67) N-Nitrosodiphenylamine	15.934	169	496571	43.818	ng/ul	97
68) 4-Bromophenyl-phenylether	16.615	248	204880	45.407	ng/ul	93
69) Hexachlorobenzene	16.727	284	177121	32.347	ng/ul	98
70) Atrazine	16.886	200	130910	28.921	ng/ul	97
71) Pentachlorophenol	17.074	266	129502	38.825	ng/ul	95
72) Phenanthrene	17.473	178	1246046	54.047	ng/ul	99
74) Anthracene	17.567	178	971269	41.197	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.484	216	262505	53.766	ng/ul	98
76) Pentachlorobenzene	14.999	250	226087	38.560	ng/ul	89
77) Carbazole	17.831	167	717165	35.826	ng/ul	99
78) Di-n-butylphthalate	18.384	149	1025792	42.845	ng/ul	98
80) Fluoranthene	19.477	202	1559416	76.168	ng/ul	98
82) Pyrene	19.841	202	1214053	55.769	ng/ul	95
83) Butylbenzylphthalate	20.722	149	409854	51.709	ng/ul	95
85) Benzo(a)anthracene	21.674	228	1244011	56.103	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.580	149	616757	52.937	ng/ul#	97
87) Chrysene	21.745	228	1247468	59.456	ng/ul	98
89) Di-n-octyl phthalate	22.796	149	1000931	48.733	ng/ul	100
90) Benzo(b)fluoranthene	23.901	252	1401745	59.881	ng/ul	98
91) Benzo(k)fluoranthene	23.965	252	1202541	49.950	ng/ul	99
93) Benzo(a)pyrene	24.770	252	572861	25.419	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	28.607	276	1069649m	38.089	ng/ul	
95) Dibenzo(a,h)anthracene	28.672	278	1078285	46.175	ng/ul	97
96) Benzo(g,h,i)perylene	29.741	276	109165m	4.822	ng/ul	

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

