

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112524\
 Data File : BG063550.D
 Acq On : 25 Nov 2024 15:02
 Operator : RC/JU
 Sample : P4895-05MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E2A12MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/27/2024
 Supervised By :mohammad ahmed 11/27/2024

Quant Time: Nov 26 00:28:47 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 20 14:52:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.829	152	96986	20.000	ng/u1	0.00
20) Naphthalene-d8	10.613	136	398433	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.468	164	310170	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.223	188	788224	20.000	ng/u1	0.00
79) Chrysene-d12	21.477	240	859278	20.000	ng/u1	0.00
88) Perylene-d12	24.515	264	920461	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	5545	2.257	ng/uL	-0.01
4) Pyridine-d5	3.698	84	69912	9.077	ng/u1	-0.01
7) Phenol-d5	7.000	99	128523	16.113	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.159	67	79597	15.558	ng/u1	0.00
11) 2-Chlorophenol-d4	7.364	132	88481	15.652	ng/u1	0.00
15) 4-Methylphenol-d8	8.539	113	109543	16.434	ng/u1	0.00
21) Nitrobenzene-d5	8.980	128	47604	16.638	ng/u1	0.00
24) 2-Nitrophenol-d4	9.703	143	52610	14.884	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.243	165	122543	18.164	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.754	131	112246	13.154	ng/u1	0.00
46) Dimethylphthalate-d6	13.874	166	408708	19.411	ng/u1	0.00
49) Acenaphthylene-d8	14.162	160	437279	18.211	ng/u1	0.00
54) 4-Nitrophenol-d4	14.685	143	46552	14.879	ng/u1	0.00
60) Fluorene-d10	15.467	176	377253	19.718	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.596	200	62370	14.075	ng/u1	0.00
73) Anthracene-d10	17.317	188	690245	20.156	ng/u1	0.00
81) Pyrene-d10	19.621	212	897984	20.848	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.309	264	922066	20.653	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.328	88	26189	9.026	ng/uL#	85
5) Pyridine	3.722	79	174724	22.294	ng/u1	93
6) Benzaldehyde	6.965	77	66600	14.588	ng/u1	95
8) Phenol	7.029	94	256483	29.488	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.253	93	184923	29.455	ng/u1#	89
12) 2-Chlorophenol	7.394	128	179699	29.782	ng/u1	97
13) 2-Methylphenol	8.275	108	193956	29.971	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.346	45	272525	29.632	ng/u1	97
16) Acetophenone	8.645	105	310240	29.464	ng/u1	95
17) N-Nitroso-di-n-propyla...	8.628	70	178454	30.327	ng/u1	93
18) 4-Methylphenol	8.598	108	219203	30.882	ng/u1	96
19) Hexachloroethane	8.904	117	77031	29.561	ng/u1	92
22) Nitrobenzene	9.021	77	270189	30.781	ng/u1	95
23) Isophorone	9.544	82	484306	30.216	ng/u1	98
25) 2-Nitrophenol	9.732	139	114901m	32.765	ng/u1	
26) 2,4-Dimethylphenol	9.803	107	231253	30.591	ng/u1	94
27) Bis(2-Chloroethoxy)met...	10.026	93	269664	30.392	ng/u1	96
29) 2,4-Dichlorophenol	10.273	162	203047	30.805	ng/u1	98
30) Naphthalene	10.666	128	630609	30.962	ng/u1	99
32) 4-Chloroaniline	10.778	127	101454	12.442	ng/u1#	88
33) Hexachlorobutadiene	10.954	225	180262	30.660	ng/u1	98
34) Caprolactam	11.530	113	64455	29.013	ng/u1	93
35) 4-Chloro-3-methylphenol	11.912	107	228903	34.121	ng/u1	90
36) 2-Methylnaphthalene	12.282	142	457034	31.614	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.499	142	461365	30.394	ng/ul#	99
39) 1,2,4,5-Tetrachloroben...	12.652	216	347758	31.905	ng/ul	97
40) Hexachlorocyclopentadiene	12.629	237	121230	26.076	ng/ul	94
41) 2,4,6-Trichlorophenol	12.899	196	182741	30.555	ng/ul	96
42) 2,4,5-Trichlorophenol	12.975	196	205691	33.325	ng/ul	89
43) 1,1'-Biphenyl	13.299	154	669042	32.502	ng/ul	97
44) 2-Chloronaphthalene	13.340	162	509604	31.506	ng/ul	95
45) 2-Nitroaniline	13.545	65	175126	34.351	ng/ul	96
47) Dimethylphthalate	13.921	163	652531	31.807	ng/ul	99
48) 2,6-Dinitrotoluene	14.045	165	139828	33.596	ng/ul	89
50) Acenaphthylene	14.186	152	788711	32.675	ng/ul	98
51) 3-Nitroaniline	14.374	138	123384	32.368	ng/ul	89
52) Acenaphthene	14.532	153	560690	32.160	ng/ul	94
53) 2,4-Dinitrophenol	14.591	184	72140	33.759	ng/ul	95
55) 4-Nitrophenol	14.703	109	121077	33.301	ng/ul	90
56) Dibenzofuran	14.867	168	823265	32.913	ng/ul	98
57) 2,4-Dinitrotoluene	14.838	165	215876	33.895	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.102	232	177026	30.182	ng/ul	98
59) Diethylphthalate	15.290	149	684068	33.012	ng/ul	99
61) Fluorene	15.520	166	706382	33.176	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.514	204	412056	32.431	ng/ul	95
63) 4-Nitroaniline	15.543	138	156545	40.114	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.608	198	150380	31.758	ng/ul	96
67) N-Nitrosodiphenylamine	15.731	169	591240	31.594	ng/ul	97
68) 4-Bromophenyl-phenylether	16.407	248	286745	32.467	ng/ul	94
69) Hexachlorobenzene	16.530	284	295776	31.942	ng/ul	93
70) Atrazine	16.677	200	8150	0.901	ng/ul#	84
71) Pentachlorophenol	16.883	266	115044	26.568	ng/ul	95
72) Phenanthrene	17.265	178	1304484	34.717	ng/ul	98
74) Anthracene	17.353	178	1230413	32.068	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.263	216	341606	29.785	ng/ul	90
76) Pentachlorobenzene	14.791	250	348605	30.780	ng/ul	97
77) Carbazole	17.629	167	1078475	33.877	ng/ul	99
78) Di-n-butylphthalate	18.187	149	1240620	33.994	ng/ul	98
80) Fluoranthene	19.286	202	1811304	38.032	ng/ul	100
82) Pyrene	19.650	202	1837576	36.006	ng/ul	98
83) Butylbenzylphthalate	20.549	149	571348	34.499	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.383	252	510633	27.664	ng/ul	95
85) Benzo(a)anthracene	21.460	228	1909150	34.361	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.377	149	827029	34.357	ng/ul	98
87) Chrysene	21.524	228	1746878	33.624	ng/ul	98
89) Di-n-octyl phthalate	22.523	149	1439191	35.239	ng/ul	100
90) Benzo(b)fluoranthene	23.557	252	1897605	34.337	ng/ul	98
91) Benzo(k)fluoranthene	23.622	252	1883624	33.967	ng/ul	99
93) Benzo(a)pyrene	24.374	252	1760048	34.028	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	27.952	276	2114479	32.960	ng/ul	99
95) Dibenzo(a,h)anthracene	27.999	278	1709616	32.596	ng/ul	97
96) Benzo(g,h,i)perylene	29.015	276	1616057	33.223	ng/ul	99

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

