

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112624\
 Data File : BG063562.D
 Acq On : 26 Nov 2024 15:02
 Operator : RC/JU
 Sample : P4996-03MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BHF70MSD

Manual Integrations
 APPROVED

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

Quant Time: Nov 27 00:32:52 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	105874	20.000	ng/u1	0.00
20) Naphthalene-d8	10.614	136	450235	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.468	164	351335	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.218	188	884725	20.000	ng/u1	0.00
79) Chrysene-d12	21.478	240	956565	20.000	ng/u1	0.00
88) Perylene-d12	24.521	264	1009635	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	10473m	3.904	ng/uL	0.00
4) Pyridine-d5	3.699	84	48351	5.751	ng/u1	0.00
7) Phenol-d5	7.006	99	70170	8.059	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.159	67	167158	29.931	ng/u1	0.00
11) 2-Chlorophenol-d4	7.365	132	168477	27.302	ng/u1	0.00
15) 4-Methylphenol-d8	8.540	113	140321	19.284	ng/u1	0.00
21) Nitrobenzene-d5	8.981	128	102307	31.642	ng/u1	0.00
24) 2-Nitrophenol-d4	9.703	143	126653	31.709	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.244	165	232978	30.559	ng/u1	0.00
31) 4-Chloroaniline-d4	10.755	131	231745	24.033	ng/u1	0.00
46) Dimethylphthalate-d6	13.875	166	821315	34.436	ng/u1	0.00
49) Acenaphthylene-d8	14.163	160	861369	31.670	ng/u1	0.00
54) 4-Nitrophenol-d4	14.686	143	29848	8.423	ng/u1	0.00
60) Fluorene-d10	15.467	176	736289	33.975	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.596	200	187660	37.729	ng/u1	0.00
73) Anthracene-d10	17.324	188	1319701	34.334	ng/u1	0.00
81) Pyrene-d10	19.621	212	1711955	35.703	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.310	264	1733943	35.408	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.328	88	13635	4.305	ng/uL#	89
5) Pyridine	3.722	79	46297	5.411	ng/u1	96
6) Benzaldehyde	6.965	77	111622	22.396	ng/u1	98
8) Phenol	7.036	94	72852	7.673	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.253	93	200932	29.319	ng/u1	97
12) 2-Chlorophenol	7.400	128	172400	26.174	ng/u1	91
13) 2-Methylphenol	8.276	108	157308	22.267	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.346	45	298038	29.686	ng/u1	97
16) Acetophenone	8.646	105	350654	30.507	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.628	70	201190	31.320	ng/u1	93
18) 4-Methylphenol	8.605	108	143617	18.535	ng/u1	93
19) Hexachloroethane	8.898	117	72189	25.377	ng/u1	90
22) Nitrobenzene	9.028	77	296443	29.887	ng/u1	98
23) Isophorone	9.545	82	539334	29.778	ng/u1	100
25) 2-Nitrophenol	9.733	139	124413	31.395	ng/u1	97
26) 2,4-Dimethylphenol	9.803	107	219759	25.726	ng/u1	95
27) Bis(2-Chloroethoxy)met...	10.026	93	298324	29.754	ng/u1	99
29) 2,4-Dichlorophenol	10.273	162	213891	28.716	ng/u1	98
30) Naphthalene	10.667	128	678279	29.471	ng/u1	98
32) 4-Chloroaniline	10.784	127	91388	9.918	ng/u1	100
33) Hexachlorobutadiene	10.955	225	181159	27.267	ng/u1	95
34) Caprolactam	11.531	113	12082m	4.813	ng/u1	
35) 4-Chloro-3-methylphenol	11.912	107	227560	30.018	ng/u1	91
36) 2-Methylnaphthalene	12.283	142	508139	31.105	ng/u1	99

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QLast Update : Wed Nov 20 14:52:38 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.500	142	499947	29.146	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.653	216	372351	30.159	ng/ul#	96
40) Hexachlorocyclopentadiene	12.635	237	126690	24.058	ng/ul	99
41) 2,4,6-Trichlorophenol	12.900	196	202358	29.871	ng/ul	97
42) 2,4,5-Trichlorophenol	12.976	196	222103	31.768	ng/ul	91
43) 1,1'-Biphenyl	13.299	154	730763	31.341	ng/ul	97
44) 2-Chloronaphthalene	13.340	162	566413	30.915	ng/ul	92
45) 2-Nitroaniline	13.546	65	205251	35.543	ng/ul	96
47) Dimethylphthalate	13.922	163	762332	32.805	ng/ul#	99
48) 2,6-Dinitrotoluene	14.045	165	167085	35.441	ng/ul	88
50) Acenaphthylene	14.192	152	876611	32.061	ng/ul	97
51) 3-Nitroaniline	14.380	138	131743	30.512	ng/ul	95
52) Acenaphthene	14.533	153	626698	31.734	ng/ul	98
53) 2,4-Dinitrophenol	14.592	184	88989	36.764	ng/ul	92
55) 4-Nitrophenol	14.703	109	33212	8.064	ng/ul	95
56) Dibenzofuran	14.868	168	924986	32.647	ng/ul	98
57) 2,4-Dinitrotoluene	14.838	165	254914	35.335	ng/ul#	97
58) 2,3,4,6-Tetrachlorophenol	15.103	232	198810	29.925	ng/ul#	91
59) Diethylphthalate	15.291	149	806072	34.342	ng/ul	99
61) Fluorene	15.520	166	783972	32.506	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.514	204	473729	32.917	ng/ul	98
63) 4-Nitroaniline	15.544	138	162448	36.749	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.608	198	183557	34.536	ng/ul#	99
67) N-Nitrosodiphenylamine	15.732	169	676870	32.224	ng/ul	94
68) 4-Bromophenyl-phenylether	16.407	248	321316	32.413	ng/ul	93
69) Hexachlorobenzene	16.531	284	339681	32.683	ng/ul#	91
70) Atrazine	16.677	200	10355	1.020	ng/ul	94
71) Pentachlorophenol	16.883	266	132076m	27.174	ng/ul	
72) Phenanthrene	17.265	178	1398186	33.152	ng/ul	97
74) Anthracene	17.353	178	1438650	33.405	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.264	216	369549	28.707	ng/ul	98
76) Pentachlorobenzene	14.791	250	391860	30.825	ng/ul	98
77) Carbazole	17.629	167	1243216	34.793	ng/ul	98
78) Di-n-butylphthalate	18.187	149	1434216	35.012	ng/ul	99
80) Fluoranthene	19.286	202	1824558	34.414	ng/ul	99
82) Pyrene	19.650	202	1934606	34.052	ng/ul	99
83) Butylbenzylphthalate	20.544	149	645032	34.986	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.384	252	632590	30.786	ng/ul	100
85) Benzo(a)anthracene	21.460	228	2074406	33.538	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.378	149	943123	35.195	ng/ul	100
87) Chrysene	21.525	228	1940017	33.544	ng/ul	98
89) Di-n-octyl phthalate	22.518	149	1640499	36.621	ng/ul	100
90) Benzo(b)fluoranthene	23.558	252	2059423	33.974	ng/ul	99
91) Benzo(k)fluoranthene	23.622	252	2091837	34.390	ng/ul	100
93) Benzo(a)pyrene	24.380	252	1883163	33.193	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.947	276	2352665	33.434	ng/ul	98
95) Dibenzo(a,h)anthracene	27.994	278	1922381	33.416	ng/ul	97
96) Benzo(g,h,i)perylene	29.016	276	1811965	33.960	ng/ul	98

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

