

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121624\
 Data File : BG063690.D
 Acq On : 16 Dec 2024 15:39
 Operator : RC/JU
 Sample : P5153-19MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E28Q4MSD

Quant Time: Dec 17 04:15:08 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 11 23:59:23 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/18/2024
 Supervised By :mohammad ahmed 12/18/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.812	152	186665	20.000	ng/u1	0.00
20) Naphthalene-d8	10.609	136	746273	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.458	164	470693	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.213	188	918165	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.479	240	766624	20.000	ng/u1	# 0.02
88) Perylene-d12	24.540	264	610415m	20.000	ng/u1	0.06
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.277	96	20993	4.407	ng/uL	0.00
4) Pyridine-d5	3.694	84	350172	23.304	ng/u1	0.00
7) Phenol-d5	7.013	99	466789	27.152	ng/u1	0.02
9) Bis-(2-Chloroethyl)eth...	7.149	67	326966	27.537	ng/u1	0.00
11) 2-Chlorophenol-d4	7.360	132	346873	31.166	ng/u1	0.01
15) 4-Methylphenol-d8	8.547	113	296595	22.221	ng/u1	0.02
21) Nitrobenzene-d5	8.976	128	143890	27.004	ng/u1	0.00
24) 2-Nitrophenol-d4	9.693	143	31148	5.215	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.245	165	365383	31.596	ng/u1	0.01
31) 4-Chloroaniline-d4	10.750	131	80120m	5.457	ng/u1	0.00
46) Dimethylphthalate-d6	13.864	166	1005663	31.399	ng/u1	0.00
49) Acenaphthylene-d8	14.146	160	892705	24.451	ng/u1	0.00
54) 4-Nitrophenol-d4	14.704	143	55336m	12.194	ng/u1	0.03
60) Fluorene-d10	15.451	176	855144	30.198	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/u1	
73) Anthracene-d10	17.313	188	1134876	28.749	ng/u1	0.00
81) Pyrene-d10	19.616	212	1228001	30.782	ng/u1	0.01
92) Benzo(a)pyrene-d12	24.328	264	776769m	27.098	ng/u1	0.05
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.312	88	63298	11.229	ng/uL#	74
5) Pyridine	3.711	79	529060	32.871	ng/u1	96
6) Benzaldehyde	6.955	77	117290	11.122	ng/u1	94
8) Phenol	7.043	94	727642	39.714	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.242	93	526629	37.567	ng/u1	97
12) 2-Chlorophenol	7.389	128	503152	44.660	ng/u1	96
13) 2-Methylphenol	8.277	108	518637	39.165	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.335	45	821489	39.474	ng/u1	99
16) Acetophenone	8.635	105	863787	38.155	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.623	70	474150	35.100	ng/u1	97
18) 4-Methylphenol	8.606	108	585005	40.364	ng/u1	97
19) Hexachloroethane	8.888	117	143170	25.863	ng/u1	96
22) Nitrobenzene	9.017	77	553254	31.093	ng/u1	95
23) Isophorone	9.534	82	1266152	37.661	ng/u1	99
25) 2-Nitrophenol	9.722	139	42688	6.954	ng/u1#	82
26) 2,4-Dimethylphenol	9.798	107	517768	37.172	ng/u1	95
27) Bis(2-Chloroethoxy)met...	10.016	93	719887	39.589	ng/u1#	91
29) 2,4-Dichlorophenol	10.274	162	499696	43.488	ng/u1	99
30) Naphthalene	10.656	128	1695451	45.441	ng/u1	99
32) 4-Chloroaniline	10.780	127	188323	13.480	ng/u1	99
33) Hexachlorobutadiene	10.938	225	374284	40.094	ng/u1	97
34) Caprolactam	11.561	113	155134m	39.057	ng/u1	
35) 4-Chloro-3-methylphenol	11.925	107	616766m	45.720	ng/u1	
36) 2-Methylnaphthalene	12.272	142	1260136	46.992	ng/u1	98

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37) 1-Methylnaphthalene	12.489	142	1158472	42.412	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.648	216	657875	43.660	ng/ul	97
40) Hexachlorocyclopentadiene	12.624	237	6633	1.114	ng/ul#	97
41) 2,4,6-Trichlorophenol	12.901	196	406375	47.717	ng/ul	97
42) 2,4,5-Trichlorophenol	12.983	196	423703	47.672	ng/ul	98
43) 1,1'-Biphenyl	13.288	154	1507858	48.576	ng/ul	95
44) 2-Chloronaphthalene	13.329	162	1192633	47.845	ng/ul	100
45) 2-Nitroaniline	13.535	65	194501	23.295	ng/ul	94
47) Dimethylphthalate	13.911	163	1298009	40.437	ng/ul	99
48) 2,6-Dinitrotoluene	14.035	165	55769	9.355	ng/ul	97
50) Acenaphthylene	14.181	152	1319245	33.698	ng/ul	98
51) 3-Nitroaniline	14.369	138	65231	11.835	ng/ul#	83
52) Acenaphthene	14.522	153	1230251	44.337	ng/ul	96
55) 4-Nitrophenol	14.722	109	105963	22.487	ng/ul	92
56) Dibenzofuran	14.857	168	1718593	43.931	ng/ul	100
57) 2,4-Dinitrotoluene	14.834	165	54442	6.146	ng/ul#	70
58) 2,3,4,6-Tetrachlorophenol	15.104	232	317935	41.498	ng/ul#	96
59) Diethylphthalate	15.280	149	1305144	42.059	ng/ul	97
61) Fluorene	15.509	166	1310631	41.957	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.498	204	689785	39.637	ng/ul	99
63) 4-Nitroaniline	15.533	138	101510	18.396	ng/ul	98
67) N-Nitrosodiphenylamine	15.721	169	1102315	49.578	ng/ul	97
68) 4-Bromophenyl-phenylether	16.396	248	441543	47.187	ng/ul	94
69) Hexachlorobenzene	16.526	284	467014	44.546	ng/ul	97
70) Atrazine	16.684	200	410251	43.650	ng/ul	98
71) Pentachlorophenol	16.884	266	200667m	45.397	ng/ul	
72) Phenanthrene	17.254	178	2232692	50.461	ng/ul	98
74) Anthracene	17.348	178	1905235	42.544	ng/ul	96
75) 1,2,3,4-Tetrachloroben...	13.253	216	656835	53.618	ng/ul	97
76) Pentachlorobenzene	14.787	250	592370	48.811	ng/ul	100
77) Carbazole	17.624	167	1751495	48.316	ng/ul	100
78) Di-n-butylphthalate	18.177	149	2073306	47.358	ng/ul	97
80) Fluoranthene	19.281	202	2271318	50.093	ng/ul	99
82) Pyrene	19.646	202	2366733	49.061	ng/ul	98
83) Butylbenzylphthalate	20.539	149	819713	55.354	ng/ul	89
85) Benzo(a)anthracene	21.461	228	2145400	44.654	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.367	149	1208869	56.118	ng/ul#	98
87) Chrysene	21.520	228	2172327	47.440	ng/ul	94
89) Di-n-octyl phthalate	22.513	149	2025766m	76.889	ng/ul	
90) Benzo(b)fluoranthene	23.570	252	1891599m	54.524	ng/ul	
91) Benzo(k)fluoranthene	23.635	252	1971005m	56.955	ng/ul	
93) Benzo(a)pyrene	24.399	252	1518664m	46.636	ng/ul	
94) Indeno(1,2,3-cd)pyrene	27.989	276	1559911m	39.225	ng/ul	
95) Dibenzo(a,h)anthracene	28.042	278	1288687m	40.498	ng/ul	
96) Benzo(g,h,i)perylene	29.064	276	1142109m	36.192	ng/ul	

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

