Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011425\
Data File : BM049347.D
Acq On : 14 Jan 2025 12:42
Operator : RC/JU
Sample : PB166010BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS010

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 01/14/2025
Supervised By :mohammad ahmed 01/16/2025

Quant Time: Jan 14 13:55:01 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 13 16:56:06 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.522	152	228250	20.000	ng/ul	0.00
20) Naphthalene-d8	10.286	136	922778	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.163	164	609149	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.915	188	1145663	20.000	ng/ul	0.00
79) Chrysene-d12	21.145	240	948649	20.000	ng/ul	0.00
88) Perylene-d12	23.933	264	849949	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.122	96	36175	6.557	ng/uL	0.00
4) Pyridine-d5	3.510	84	523365	29.801	ng/ul	0.00
7) Phenol-d5	6.716	99	612457	31.965	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.875	67	415575	32.573	ng/ul	0.00
11) 2-Chlorophenol-d4	7.063	132	475793	32.461	ng/ul	0.00
15) 4-Methylphenol-d8	8.240	113	458117	30.833	ng/ul	0.00
21) Nitrobenzene-d5	8.669	128	224733	31.937	ng/ul	0.00
24) 2-Nitrophenol-d4	9.381	143	249485	31.715	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.916	165	524329	32.664	ng/ul	0.00
31) 4-Chloroaniline-d4	10.428	131	572777	27.117	ng/ul	0.00
46) Dimethylphthalate-d6	13.586	166	1458477	32.169	ng/ul	0.00
49) Acenaphthylene-d8	13.851	160	1735690	33.535	ng/ul	0.00
54) 4-Nitrophenol-d4	14.392	143	212982	28.368	ng/ul	0.00
60) Fluorene-d10	15.163	176	1300624	33.207	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.292	200	220007	30.132	ng/ul	0.00
73) Anthracene-d10	17.015	188	1835817	32.415	ng/ul	0.00
81) Pyrene-d10	19.321	212	1960799	33.963	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.744	264	1538885	33.728	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.152	88	69941	11.573	ng/uL	95
5) Pyridine	3.528	79	522881	29.453	ng/ul	99
6) Benzaldehyde	6.681	77	246079	23.822	ng/ul	97
8) Phenol	6.745	94	625873	31.418	ng/ul	98
10) Bis(2-Chloroethyl)ether	6.963	93	506837	31.243	ng/ul	98
12) 2-Chlorophenol	7.098	128	485508	31.867	ng/ul	100
13) 2-Methylphenol	7.975	108	441073	30.304	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.045	45	794825	32.692	ng/ul	100
16) Acetophenone	8.340	105	776520	32.000	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.334	70	430686	32.859	ng/ul	98
18) 4-Methylphenol	8.304	108	489597	30.703	ng/ul	98
19) Hexachloroethane	8.587	117	213361	32.593	ng/ul	99
22) Nitrobenzene	8.710	77	581485	31.897	ng/ul	99
23) Isophorone	9.234	82	1096734	30.962	ng/ul	99
25) 2-Nitrophenol	9.416	139	273101	31.588	ng/ul	100
26) 2,4-Dimethylphenol	9.486	107	400740	24.767	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.722	93	681191	31.289	ng/ul	98
29) 2,4-Dichlorophenol	9.945	162	510681	31.932	ng/ul	99
30) Naphthalene	10.334	128	1542400	31.495	ng/ul	99
32) 4-Chloroaniline	10.451	127	462537	22.964	ng/ul	99
33) Hexachlorobutadiene	10.628	225	372825	32.650	ng/ul	98
34) Caprolactam	11.228	113	126320m	26.532	ng/ul	
35) 4-Chloro-3-methylphenol	11.592	107	465063	31.101	ng/ul	100
36) 2-Methylnaphthalene	11.957	142	1103564	31.491	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.180	142	1093242	31.354	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.333	216	695979	33.008	ng/ul	98
40) Hexachlorocyclopentadiene	12.316	237	322770	25.514	ng/ul	97
41) 2,4,6-Trichlorophenol	12.580	196	393093	30.306	ng/ul	98
42) 2,4,5-Trichlorophenol	12.657	196	425302	30.593	ng/ul	99
43) 1,1'-Biphenyl	12.992	154	1479056	33.163	ng/ul	99
44) 2-Chloronaphthalene	13.027	162	1187191	33.285	ng/ul	97
45) 2-Nitroaniline	13.245	65	310699	33.013	ng/ul	98
47) Dimethylphthalate	13.633	163	1419096	31.641	ng/ul	100
48) 2,6-Dinitrotoluene	13.751	165	271897	32.495	ng/ul	99
50) Acenaphthylene	13.880	152	1766386	33.289	ng/ul	100
51) 3-Nitroaniline	14.080	138	243391	29.647	ng/ul	100
52) Acenaphthene	14.227	153	1223153	32.264	ng/ul	99
53) 2,4-Dinitrophenol	14.286	184	129424	24.698	ng/ul	99
55) 4-Nitrophenol	14.404	109	155846	28.149	ng/ul	98
56) Dibenzofuran	14.569	168	1747117	32.452	ng/ul	99
57) 2,4-Dinitrotoluene	14.539	165	394145	31.743	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.798	232	313734	26.715	ng/ul	100
59) Diethylphthalate	15.016	149	1365759	31.246	ng/ul	99
61) Fluorene	15.221	166	1465912	33.326	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.221	204	786870	32.824	ng/ul	99
63) 4-Nitroaniline	15.251	138	243485	32.964	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.310	198	235227	29.547	ng/ul	99
67) N-Nitrosodiphenylamine	15.439	169	1153911	33.946	ng/ul	99
68) 4-Bromophenyl-phenylether	16.115	248	434398	33.346	ng/ul	99
69) Hexachlorobenzene	16.221	284	485822	32.065	ng/ul	97
70) Atrazine	16.404	200	134048	9.646	ng/ul	99
71) Pentachlorophenol	16.574	266	232914	23.204	ng/ul	98
72) Phenanthrene	16.957	178	2084166	32.723	ng/ul	99
74) Anthracene	17.051	178	2061506	32.246	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	12.951	216	669893	34.987	ng/uL	100
76) Pentachlorobenzene	14.486	250	612935	32.072	ng/uL	99
77) Carbazole	17.321	167	1750837	30.868	ng/ul	99
78) Di-n-butylphthalate	17.904	149	2175941	31.309	ng/ul	99
80) Fluoranthene	18.986	202	2265562	34.150	ng/ul	99
82) Pyrene	19.351	202	2388549	33.824	ng/ul	99
83) Butylbenzylphthalate	20.274	149	798064	31.921	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.068	252	537921	30.281	ng/ul	99
85) Benzo(a)anthracene	21.133	228	2136850	32.323	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.080	149	1206662	32.452	ng/ul#	99
87) Chrysene	21.186	228	2008720	33.282	ng/ul	100
89) Di-n-octyl phthalate	22.145	149	1808465	29.207	ng/ul	100
90) Benzo(b)fluoranthene	23.062	252	1847395	32.473	ng/ul	100
91) Benzo(k)fluoranthene	23.115	252	1928787	34.004	ng/ul	100
93) Benzo(a)pyrene	23.803	252	1669418	32.488	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	27.015	276	2089763	35.452	ng/ul	99
95) Dibenzo(a,h)anthracene	27.074	278	1730367	36.042	ng/ul	99
96) Benzo(g,h,i)perylene	27.979	276	1624711	36.923	ng/ul	99

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

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