Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011325\
Data File : BM049336.D
Acq On : 13 Jan 2025 13:44
Operator : RC/JU
Sample : SSTD01067
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD010007

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

Quant Time: Jan 13 15:18:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 13 15:05:49 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.522	152	263032	20.000	ng/ul	0.00
20) Naphthalene-d8	10.286	136	1031445	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.163	164	728633	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.915	188	1551535	20.000	ng/ul	0.00
79) Chrysene-d12	21.145	240	1597088	20.000	ng/ul	0.00
88) Perylene-d12	23.933	264	1559162	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.122	96	24677	3.345	ng/uL	0.00
4) Pyridine-d5	3.516	84	177291	7.937	ng/ul	0.00
7) Phenol-d5	6.716	99	189274	8.119	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.875	67	135961	8.580	ng/ul	0.00
11) 2-Chlorophenol-d4	7.063	132	150740	8.817	ng/ul	0.00
15) 4-Methylphenol-d8	8.234	113	146130	8.290	ng/ul	0.00
21) Nitrobenzene-d5	8.669	128	70950	9.308	ng/ul	0.00
24) 2-Nitrophenol-d4	9.381	143	77156	10.368	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.916	165	160311	10.285	ng/ul	0.00
31) 4-Chloroaniline-d4	10.428	131	206782	8.864	ng/ul	0.00
46) Dimethylphthalate-d6	13.586	166	512987	9.834	ng/ul	0.00
49) Acenaphthylene-d8	13.851	160	565300	9.007	ng/ul	0.00
54) 4-Nitrophenol-d4	14.386	143	70086	7.256	ng/ul	0.00
60) Fluorene-d10	15.163	176	443990	9.808	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.292	200	72967	8.301	ng/ul	0.00
73) Anthracene-d10	17.015	188	713694	9.150	ng/ul	0.00
81) Pyrene-d10	19.315	212	830809	8.893	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.739	264	724938	8.753	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.152	88	27160	3.418	ng/uL	96
5) Pyridine	3.534	79	186216	8.068	ng/ul	98
6) Benzaldehyde	6.681	77	136881	11.045	ng/ul	99
8) Phenol	6.746	94	203747	8.184	ng/ul	98
10) Bis(2-Chloroethyl)ether	6.963	93	171874	8.662	ng/ul	99
12) 2-Chlorophenol	7.098	128	160119	8.913	ng/ul	99
13) 2-Methylphenol	7.975	108	143228	8.268	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.045	45	266044	9.012	ng/ul	99
16) Acetophenone	8.340	105	256877	8.738	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.328	70	139490	9.522	ng/ul	97
18) 4-Methylphenol	8.298	108	158483	8.326	ng/ul	94
19) Hexachloroethane	8.587	117	69726	8.968	ng/ul	97
22) Nitrobenzene	8.710	77	189145	9.156	ng/ul	99
23) Isophorone	9.234	82	364083	9.767	ng/ul	99
25) 2-Nitrophenol	9.410	139	85190	9.892	ng/ul	93
26) 2,4-Dimethylphenol	9.487	107	166002	9.603	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.716	93	227789	9.641	ng/ul	99
29) 2,4-Dichlorophenol	9.945	162	165164	10.388	ng/ul	99
30) Naphthalene	10.334	128	504142	9.046	ng/ul	99
32) 4-Chloroaniline	10.451	127	196642	8.778	ng/ul	99
33) Hexachlorobutadiene	10.628	225	121949	11.447	ng/ul	99
34) Caprolactam	11.222	113	46788m	9.353	ng/ul	
35) 4-Chloro-3-methylphenol	11.592	107	148270	9.757	ng/ul	99
36) 2-Methylnaphthalene	11.957	142	360080	9.921	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.180	142	361382	9.967	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.333	216	230354	9.806	ng/ul	98
40) Hexachlorocyclopentadiene	12.316	237	121208	8.371	ng/ul	98
41) 2,4,6-Trichlorophenol	12.580	196	138973	10.329	ng/ul	100
42) 2,4,5-Trichlorophenol	12.657	196	150667	10.233	ng/ul	99
43) 1,1'-Biphenyl	12.986	154	488509	8.722	ng/ul	98
44) 2-Chloronaphthalene	13.027	162	391339	8.789	ng/ul	99
45) 2-Nitroaniline	13.239	65	99092	8.589	ng/ul	97
47) Dimethylphthalate	13.633	163	508223	9.774	ng/ul	99
48) 2,6-Dinitrotoluene	13.745	165	86911	9.626	ng/ul	95
50) Acenaphthylene	13.880	152	582041	8.655	ng/ul	100
51) 3-Nitroaniline	14.080	138	82362	8.177	ng/ul	99
52) Acenaphthene	14.227	153	420658	8.789	ng/ul	100
53) 2,4-Dinitrophenol	14.286	184	41152	8.311	ng/ul	96
55) 4-Nitrophenol	14.398	109	55074	7.603	ng/ul	95
56) Dibenzofuran	14.569	168	611381	9.368	ng/ul	99
57) 2,4-Dinitrotoluene	14.539	165	135172	10.172	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.798	232	129339	11.556	ng/ul	97
59) Diethylphthalate	15.010	149	498143	9.912	ng/ul	99
61) Fluorene	15.216	166	505967	9.354	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.221	204	274721	10.197	ng/ul	98
63) 4-Nitroaniline	15.245	138	80289	8.441	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.304	198	83849	8.641	ng/ul#	94
67) N-Nitrosodiphenylamine	15.439	169	417078	8.689	ng/ul	100
68) 4-Bromophenyl-phenylether	16.116	248	157760	9.769	ng/ul	99
69) Hexachlorobenzene	16.221	284	186782	9.726	ng/ul	96
70) Atrazine	16.404	200	167862	9.193	ng/ul	99
71) Pentachlorophenol	16.568	266	107689	8.800	ng/ul	97
72) Phenanthrene	16.957	178	794241	8.729	ng/ul	99
74) Anthracene	17.045	178	800386	8.736	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.945	216	226013	8.704	ng/uL	98
76) Pentachlorobenzene	14.486	250	231566	9.143	ng/uL	99
77) Carbazole	17.321	167	698183	8.168	ng/ul	99
78) Di-n-butylphthalate	17.904	149	868105	9.702	ng/ul	100
80) Fluoranthene	18.980	202	941114	8.609	ng/ul	98
82) Pyrene	19.345	202	1023155	8.544	ng/ul	98
83) Butylbenzylphthalate	20.274	149	352143	9.307	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.068	252	260156	8.838	ng/ul	100
85) Benzo(a)anthracene	21.127	228	1019523	9.244	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.080	149	543164	9.884	ng/ul	99
87) Chrysene	21.186	228	923722	8.927	ng/ul	99
89) Di-n-octyl phthalate	22.145	149	843947	8.165	ng/ul	100
90) Benzo(b)fluoranthene	23.056	252	898611	8.748	ng/ul	99
91) Benzo(k)fluoranthene	23.115	252	897744	8.669	ng/ul	100
93) Benzo(a)pyrene	23.797	252	818906	8.632	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.015	276	921660	8.090	ng/ul	99
95) Dibenzo(a,h)anthracene	27.068	278	746794	8.024	ng/ul	98
96) Benzo(g,h,i)perylene	27.974	276	681508	7.867	ng/ul	99

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

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