Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012725\
Data File : BM049444.D
Acq On : 27 Jan 2025 09:50
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD020076

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 01/28/2025
Supervised By :mohammad ahmed 01/31/2025

Quant Time: Jan 27 10:40:23 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	7.516	152	170871	20.000	ng/ul	0.00
20) Naphthalene-d8	10.275	136	646480	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.151	164	440594	20.000	ng/ul	-0.01
64) Phenanthrene-d10	16.904	188	922229	20.000	ng/ul	-0.01
79) Chrysene-d12	21.133	240	941202	20.000	ng/ul	-0.01
88) Perylene-d12	23.915	264	951691	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.117	96	38876	9.413	ng/uL	0.00
4) Pyridine-d5	3.505	84	284238	21.620	ng/ul	0.00
7) Phenol-d5	6.710	99	291397	20.315	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.863	67	205766	21.544	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.057	132	229966	20.958	ng/ul	0.00
15) 4-Methylphenol-d8	8.228	113	215152	19.343	ng/ul	-0.01
21) Nitrobenzene-d5	8.657	128	104328	21.163	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.369	143	112713	20.452	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	9.904	165	236846	21.061	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.416	131	294681	19.914	ng/ul	-0.01
46) Dimethylphthalate-d6	13.575	166	696611	21.243	ng/ul	-0.01
49) Acenaphthylene-d8	13.839	160	797195	21.295	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.381	143	105182	19.369	ng/ul	-0.01
60) Fluorene-d10	15.151	176	623179	21.998	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.280	200	114064	19.407	ng/ul	-0.01
73) Anthracene-d10	17.004	188	995759	21.842	ng/ul	-0.01
81) Pyrene-d10	19.310	212	1148009	20.042	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.727	264	1064205	20.831	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.152	88	41394	9.149	ng/uL	96
5) Pyridine	3.522	79	294585	22.166	ng/ul	95
6) Benzaldehyde	6.669	77	200296	25.901	ng/ul	100
8) Phenol	6.734	94	306006	20.519	ng/ul	98
10) Bis(2-Chloroethyl)ether	6.957	93	252626	20.802	ng/ul	100
12) 2-Chlorophenol	7.087	128	235311	20.631	ng/ul	98
13) 2-Methylphenol	7.963	108	212177	19.473	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.034	45	416770	22.898	ng/ul	97
16) Acetophenone	8.328	105	372860	20.525	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.316	70	202934	20.682	ng/ul	95
18) 4-Methylphenol	8.293	108	232540	19.479	ng/ul	99
19) Hexachloroethane	8.575	117	103043	21.026	ng/ul	98
22) Nitrobenzene	8.699	77	284574	22.282	ng/ul	98
23) Isophorone	9.222	82	519682	20.941	ng/ul	99
25) 2-Nitrophenol	9.404	139	125533	20.725	ng/ul	97
26) 2,4-Dimethylphenol	9.475	107	238795	21.065	ng/ul	96
27) Bis(2-Chloroethoxy)met...	9.710	93	323444	21.206	ng/ul	99
29) 2,4-Dichlorophenol	9.934	162	238319	21.271	ng/ul	98
30) Naphthalene	10.322	128	726235	21.167	ng/ul	99
32) 4-Chloroaniline	10.445	127	287255	20.357	ng/ul	100
33) Hexachlorobutadiene	10.616	225	178612	22.327	ng/ul	100
34) Caprolactam	11.210	113	65917m	19.763	ng/ul	
35) 4-Chloro-3-methylphenol	11.581	107	212242	20.260	ng/ul	97
36) 2-Methylnaphthalene	11.945	142	508538	20.714	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.169	142	506270	20.725	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.322	216	329318	21.593	ng/ul	99
40) Hexachlorocyclopentadiene	12.304	237	184632	20.178	ng/ul	99
41) 2,4,6-Trichlorophenol	12.575	196	200179	21.337	ng/ul	100
42) 2,4,5-Trichlorophenol	12.645	196	215403	21.422	ng/ul	97
43) 1,1'-Biphenyl	12.981	154	683350	21.184	ng/ul	99
44) 2-Chloronaphthalene	13.016	162	557056	21.593	ng/ul	98
45) 2-Nitroaniline	13.234	65	144616	21.244	ng/ul	98
47) Dimethylphthalate	13.622	163	683946	21.084	ng/ul	99
48) 2,6-Dinitrotoluene	13.739	165	125612	20.755	ng/ul	98
50) Acenaphthylene	13.869	152	810960	21.130	ng/ul	99
51) 3-Nitroaniline	14.069	138	120091	20.224	ng/ul	98
52) Acenaphthene	14.216	153	587089	21.410	ng/ul	98
53) 2,4-Dinitrophenol	14.281	184	63945	16.871	ng/ul	95
55) 4-Nitrophenol	14.392	109	79028	19.735	ng/ul	99
56) Dibenzofuran	14.557	168	859367	22.069	ng/ul	100
57) 2,4-Dinitrotoluene	14.533	165	191819	21.359	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.792	232	181606	21.380	ng/ul#	95
59) Diethylphthalate	15.004	149	668442	21.143	ng/ul	100
61) Fluorene	15.210	166	714997	22.473	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.216	204	387548	22.351	ng/ul	96
63) 4-Nitroaniline	15.239	138	123753	23.164	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.298	198	129648	20.231	ng/ul	98
67) N-Nitrosodiphenylamine	15.428	169	575104	21.017	ng/ul	99
68) 4-Bromophenyl-phenylether	16.110	248	222191	21.188	ng/ul	97
69) Hexachlorobenzene	16.216	284	254828	20.894	ng/ul	99
70) Atrazine	16.392	200	226953	20.287	ng/ul	99
71) Pentachlorophenol	16.563	266	152065	18.820	ng/ul	96
72) Phenanthrene	16.951	178	1095802	21.373	ng/ul	99
74) Anthracene	17.039	178	1117592	21.717	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	12.939	216	325107	21.093	ng/uL	98
76) Pentachlorobenzene	14.475	250	324540	21.096	ng/uL	99
77) Carbazole	17.316	167	969177	21.227	ng/ul	99
78) Di-n-butylphthalate	17.898	149	1127149	20.148	ng/ul	99
80) Fluoranthene	18.974	202	1303447	19.803	ng/ul	99
82) Pyrene	19.339	202	1413074	20.168	ng/ul	99
83) Butylbenzylphthalate	20.268	149	467950	18.865	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.057	252	374828	21.267	ng/ul	99
85) Benzo(a)anthracene	21.121	228	1396912	21.297	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.074	149	718941	19.488	ng/ul	100
87) Chrysene	21.174	228	1289011	21.527	ng/ul	99
89) Di-n-octyl phthalate	22.133	149	1116482	16.104	ng/ul	100
90) Benzo(b)fluoranthene	23.045	252	1310757	20.577	ng/ul	99
91) Benzo(k)fluoranthene	23.103	252	1282641	20.195	ng/ul	99
93) Benzo(a)pyrene	23.786	252	1219502	21.195	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.991	276	1479843	22.421	ng/ul	100
95) Dibenzo(a,h)anthracene	27.044	278	1199210	22.308	ng/ul	98
96) Benzo(g,h,i)perylene	27.950	276	1109282	22.514	ng/ul	99

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

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