Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012725\
Data File : BM049460.D
Acq On : 27 Jan 2025 23:15
Operator : RC/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD020078

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

Quant Time: Jan 28 01:30:43 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	180253	20.000	ng/ul	0.00
20) Naphthalene-d8	10.275	136	686931	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.151	164	459204	20.000	ng/ul	-0.01
64) Phenanthrene-d10	16.904	188	937642	20.000	ng/ul	-0.01
79) Chrysene-d12	21.139	240	928208	20.000	ng/ul	0.00
88) Perylene-d12	23.915	264	937363	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.116	96	37095	8.515	ng/uL	0.00
4) Pyridine-d5	3.505	84	265252	19.126	ng/ul	0.00
7) Phenol-d5	6.710	99	277817	18.360	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.863	67	197086	19.561	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.051	132	218516	18.878	ng/ul	-0.01
15) 4-Methylphenol-d8	8.228	113	207380	17.674	ng/ul	-0.01
21) Nitrobenzene-d5	8.657	128	99786	19.049	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.369	143	109395	18.681	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	9.904	165	226874	18.986	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.422	131	275293	17.508	ng/ul	0.00
46) Dimethylphthalate-d6	13.575	166	661431	19.353	ng/ul	-0.01
49) Acenaphthylene-d8	13.839	160	763984	19.581	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.380	143	94583	16.712	ng/ul	-0.01
60) Fluorene-d10	15.151	176	582127	19.716	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.280	200	97925	16.387	ng/ul	-0.01
73) Anthracene-d10	17.004	188	911665	19.669	ng/ul	-0.01
81) Pyrene-d10	19.309	212	1044065	18.482	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.727	264	944041	18.761	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.152	88	38528	8.072	ng/uL	100
5) Pyridine	3.522	79	272852	19.462	ng/ul	97
6) Benzaldehyde	6.669	77	194366	23.826	ng/ul	99
8) Phenol	6.734	94	291681	18.541	ng/ul	99
10) Bis(2-Chloroethyl)ether	6.951	93	241578	18.857	ng/ul	97
12) 2-Chlorophenol	7.087	128	227252	18.888	ng/ul	98
13) 2-Methylphenol	7.963	108	202368	17.606	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.034	45	393971	20.519	ng/ul	97
16) Acetophenone	8.328	105	353561	18.450	ng/ul	93
17) N-Nitroso-di-n-propyla...	8.316	70	194974	18.836	ng/ul	94
18) 4-Methylphenol	8.293	108	224915	17.860	ng/ul	95
19) Hexachloroethane	8.575	117	99433	19.234	ng/ul	95
22) Nitrobenzene	8.698	77	267722	19.728	ng/ul	99
23) Isophorone	9.222	82	500683	18.988	ng/ul	99
25) 2-Nitrophenol	9.404	139	121749	18.917	ng/ul	98
26) 2,4-Dimethylphenol	9.475	107	228722	18.989	ng/ul	96
27) Bis(2-Chloroethoxy)met...	9.704	93	306908	18.937	ng/ul	98
29) 2,4-Dichlorophenol	9.934	162	227502	19.109	ng/ul	98
30) Naphthalene	10.322	128	702227	19.262	ng/ul	99
32) 4-Chloroaniline	10.445	127	270354	18.031	ng/ul	99
33) Hexachlorobutadiene	10.616	225	171128	20.132	ng/ul	99
34) Caprolactam	11.210	113	68912m	19.444	ng/ul	
35) 4-Chloro-3-methylphenol	11.581	107	206337	18.536	ng/ul	97
36) 2-Methylnaphthalene	11.945	142	490547	18.804	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.169	142	490796	18.909	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.322	216	313710	19.736	ng/ul	99
40) Hexachlorocyclopentadiene	12.304	237	192290	20.163	ng/ul	99
41) 2,4,6-Trichlorophenol	12.575	196	188544	19.282	ng/ul	98
42) 2,4,5-Trichlorophenol	12.645	196	199463	19.033	ng/ul	98
43) 1,1'-Biphenyl	12.980	154	649565	19.320	ng/ul	99
44) 2-Chloronaphthalene	13.016	162	531588	19.771	ng/ul	97
45) 2-Nitroaniline	13.233	65	134870	19.010	ng/ul	99
47) Dimethylphthalate	13.622	163	652459	19.298	ng/ul	99
48) 2,6-Dinitrotoluene	13.739	165	117837	18.682	ng/ul	99
50) Acenaphthylene	13.869	152	777718	19.443	ng/ul	99
51) 3-Nitroaniline	14.069	138	111293	17.983	ng/ul	97
52) Acenaphthene	14.216	153	556920	19.487	ng/ul	100
53) 2,4-Dinitrophenol	14.280	184	61680	15.614	ng/ul	97
55) 4-Nitrophenol	14.398	109	70543	16.902	ng/ul	99
56) Dibenzofuran	14.557	168	802155	19.765	ng/ul	99
57) 2,4-Dinitrotoluene	14.533	165	177740	18.989	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.792	232	169841	19.185	ng/ul	94
59) Diethylphthalate	14.998	149	633629	19.230	ng/ul	98
61) Fluorene	15.210	166	659944	19.902	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.210	204	355132	19.652	ng/ul	100
63) 4-Nitroaniline	15.239	138	113294	20.346	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.298	198	110921	17.024	ng/ul#	96
67) N-Nitrosodiphenylamine	15.427	169	534312	19.206	ng/ul	98
68) 4-Bromophenyl-phenylether	16.110	248	207219	19.436	ng/ul	96
69) Hexachlorobenzene	16.216	284	239845	19.342	ng/ul	98
70) Atrazine	16.392	200	210667	18.522	ng/ul	98
71) Pentachlorophenol	16.563	266	153533	18.690	ng/ul	96
72) Phenanthrene	16.945	178	1013072	19.435	ng/ul	100
74) Anthracene	17.039	178	1033795	19.758	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	12.939	216	308516	19.688	ng/uL	97
76) Pentachlorobenzene	14.474	250	305230	19.514	ng/uL	99
77) Carbazole	17.315	167	892816	19.233	ng/ul	99
78) Di-n-butylphthalate	17.898	149	1065591	18.734	ng/ul	99
80) Fluoranthene	18.974	202	1186574	18.280	ng/ul	99
82) Pyrene	19.339	202	1278590	18.504	ng/ul	99
83) Butylbenzylphthalate	20.268	149	430503	17.598	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.056	252	308058	17.723	ng/ul	99
85) Benzo(a)anthracene	21.121	228	1248952	19.308	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.074	149	652720	17.941	ng/ul	99
87) Chrysene	21.180	228	1162943	19.693	ng/ul	99
89) Di-n-octyl phthalate	22.133	149	1017882	14.906	ng/ul	100
90) Benzo(b)fluoranthene	23.044	252	1151299	18.350	ng/ul	99
91) Benzo(k)fluoranthene	23.103	252	1177158	18.818	ng/ul	100
93) Benzo(a)pyrene	23.786	252	1077726	19.017	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.991	276	1325440	20.389	ng/ul	99
95) Dibenzo(a,h)anthracene	27.050	278	1070605	20.220	ng/ul	99
96) Benzo(g,h,i)perylene	27.956	276	1027209	21.167	ng/ul	99

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

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