Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049530.D
Acq On : 30 Jan 2025 17:14
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD020086

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 01/31/2025
Supervised By :mohammad ahmed 02/04/2025

Quant Time: Jan 30 17:59:17 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 28 14:45:18 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.510	152	203355	20.000	ng/ul	0.00
20) Naphthalene-d8	10.275	136	783720	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.157	164	549944	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.909	188	1179673	20.000	ng/ul	0.00
79) Chrysene-d12	21.144	240	1238148	20.000	ng/ul	0.01
88) Perylene-d12	23.932	264	1315383	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.110	96	39740	7.241	ng/uL	-0.01
4) Pyridine-d5	3.504	84	289685	17.964	ng/ul	0.00
7) Phenol-d5	6.728	99	337827	20.472	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	6.863	67	205749	18.234	ng/ul	0.00
11) 2-Chlorophenol-d4	7.057	132	279182	21.863	ng/ul	0.00
15) 4-Methylphenol-d8	8.245	113	263457	21.791	ng/ul	0.02
21) Nitrobenzene-d5	8.657	128	133070	22.194	ng/ul	0.00
24) 2-Nitrophenol-d4	9.369	143	154055	23.556	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.922	165	292809	21.940	ng/ul	0.02
31) 4-Chloroaniline-d4	10.422	131	368415	21.521	ng/ul	0.00
46) Dimethylphthalate-d6	13.574	166	851880	21.127	ng/ul	0.00
49) Acenaphthylene-d8	13.845	160	981248	20.712	ng/ul	0.00
54) 4-Nitrophenol-d4	14.427	143	146875m	22.205	ng/ul	0.05
60) Fluorene-d10	15.157	176	748710	21.114	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.292	200	148292	19.948	ng/ul	0.01
73) Anthracene-d10	17.009	188	1216246	20.646	ng/ul	0.00
81) Pyrene-d10	19.315	212	1456209	20.119	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.738	264	1460682	20.820	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.146	88	41278	7.157	ng/uL	99
5) Pyridine	3.522	79	291496	17.626	ng/ul	95
6) Benzaldehyde	6.669	77	217469	23.995	ng/ul	95
8) Phenol	6.757	94	346729	20.018	ng/ul	97
10) Bis(2-Chloroethyl)ether	6.951	93	276477	19.574	ng/ul	94
12) 2-Chlorophenol	7.092	128	280456	21.268	ng/ul	95
13) 2-Methylphenol	7.981	108	257681	21.230	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.028	45	392519	18.041	ng/ul	97
16) Acetophenone	8.328	105	412179	20.501	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.316	70	212036	20.109	ng/ul	94
18) 4-Methylphenol	8.304	108	281247	21.469	ng/ul	96
19) Hexachloroethane	8.569	117	120545	20.805	ng/ul	93
22) Nitrobenzene	8.698	77	300438	18.760	ng/ul	93
23) Isophorone	9.222	82	597068	20.850	ng/ul	98
25) 2-Nitrophenol	9.398	139	161013	22.173	ng/ul	96
26) 2,4-Dimethylphenol	9.486	107	280486	20.990	ng/ul	96
27) Bis(2-Chloroethoxy)met...	9.704	93	364056	20.298	ng/ul	97
29) 2,4-Dichlorophenol	9.945	162	286829	21.380	ng/ul	100
30) Naphthalene	10.322	128	857109	20.541	ng/ul	99
32) 4-Chloroaniline	10.445	127	344378	21.024	ng/ul	99
33) Hexachlorobutadiene	10.610	225	206851	20.568	ng/ul	100
34) Caprolactam	11.233	113	96859	26.173	ng/ul	95
35) 4-Chloro-3-methylphenol	11.604	107	274995	23.725	ng/ul	93
36) 2-Methylnaphthalene	11.945	142	612792	21.533	ng/ul	99

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.169	142	607704	21.661	ng/ul	97
39)	1,2,4,5-Tetrachloroben...	12.321	216	389765	19.227	ng/ul	98
40)	Hexachlorocyclopentadiene	12.298	237	202189	17.002	ng/ul	100
41)	2,4,6-Trichlorophenol	12.580	196	257471	21.537	ng/ul	99
42)	2,4,5-Trichlorophenol	12.674	196	275674	21.940	ng/ul	96
43)	1,1'-Biphenyl	12.980	154	821267	19.683	ng/ul	99
44)	2-Chloronaphthalene	13.016	162	664443	19.641	ng/ul	100
45)	2-Nitroaniline	13.239	65	181584	21.368	ng/ul	86
47)	Dimethylphthalate	13.621	163	836868	20.892	ng/ul	99
48)	2,6-Dinitrotoluene	13.745	165	169363	23.510	ng/ul	92
50)	Acenaphthylene	13.868	152	995626	20.455	ng/ul	99
51)	3-Nitroaniline	14.074	138	181029	25.297	ng/ul	94
52)	Acenaphthene	14.221	153	694888	19.997	ng/ul	99
53)	2,4-Dinitrophenol	14.292	184	92672	20.804	ng/ul	89
55)	4-Nitrophenol	14.445	109	117819	24.344	ng/ul	91
56)	Dibenzofuran	14.557	168	1011503	20.414	ng/ul	100
57)	2,4-Dinitrotoluene	14.539	165	255766	23.742	ng/ul	93
58)	2,3,4,6-Tetrachlorophenol	14.798	232	240929	23.546	ng/ul	95
59)	Diethylphthalate	15.004	149	837389	22.022	ng/ul	99
61)	Fluorene	15.209	166	816478	20.392	ng/ul	98
62)	4-Chlorophenyl-phenyle...	15.215	204	440333	20.275	ng/ul	96
63)	4-Nitroaniline	15.245	138	182591m	27.631	ng/ul	
66)	4,6-Dinitro-2-methylph...	15.309	198	159405	19.564	ng/ul	97
67)	N-Nitrosodiphenylamine	15.433	169	719271	20.454	ng/ul	97
68)	4-Bromophenyl-phenylether	16.109	248	282154	20.947	ng/ul	97
69)	Hexachlorobenzene	16.221	284	320689	20.617	ng/ul	98
70)	Atrazine	16.398	200	298993	21.601	ng/ul	96
71)	Pentachlorophenol	16.574	266	205233	20.954	ng/ul	99
72)	Phenanthrene	16.951	178	1337140	20.136	ng/ul	99
74)	Anthracene	17.045	178	1362414	20.369	ng/ul	100
75)	1,2,3,4-Tetrachloroben...	12.939	216	389442	18.265	ng/uL	100
76)	Pentachlorobenzene	14.480	250	391538	19.205	ng/uL	99
77)	Carbazole	17.321	167	1263709	21.139	ng/ul	99
78)	Di-n-butylphthalate	17.898	149	1562337	22.881	ng/ul	99
80)	Fluoranthene	18.980	202	1682000	20.346	ng/ul	100
82)	Pyrene	19.345	202	1806401	20.308	ng/ul	99
83)	Butylbenzylphthalate	20.268	149	728456	24.317	ng/ul	95
84)	3,3'-Dichlorobenzidine	21.062	252	519013	22.077	ng/ul	99
85)	Benzo(a)anthracene	21.127	228	1763689	20.278	ng/ul	99
86)	Bis(2-ethylhexyl)phtha...	21.074	149	1124096	25.538	ng/ul	98
87)	Chrysene	21.186	228	1671730	20.697	ng/ul	99
89)	Di-n-octyl phthalate	22.138	149	1851533	23.011	ng/ul	100
90)	Benzo(b)fluoranthene	23.056	252	1721150	20.187	ng/ul	100
91)	Benzo(k)fluoranthene	23.115	252	1724215	20.013	ng/ul	99
93)	Benzo(a)pyrene	23.803	252	1590439	19.885	ng/ul	100
94)	Indeno(1,2,3-cd)pyrene	27.026	276	2058194	20.761	ng/ul	99
95)	Dibenzo(a,h)anthracene	27.073	278	1666223	20.742	ng/ul	99
96)	Benzo(g,h,i)perylene	27.985	276	1568847	20.814	ng/ul	100

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

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