Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012825\
Data File : BM049478.D
Acq On : 28 Jan 2025 21:19
Operator : RC/JU
Sample : Q1188-05MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCQC1MS

Quant Time: Jan 29 07:31:28 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	181684	20.000	ng/ul	0.00
20) Naphthalene-d8	10.269	136	679239	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.151	164	467609	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.903	188	990371	20.000	ng/ul	0.00
79) Chrysene-d12	21.139	240	1062399	20.000	ng/ul	0.00
88) Perylene-d12	23.915	264	1034706	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.122	96	21588	4.402	ng/uL	0.00
4) Pyridine-d5	3.510	84	125432	8.706	ng/ul	0.00
7) Phenol-d5	6.710	99	127815	8.669	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.863	67	292405	29.004	ng/ul	0.00
11) 2-Chlorophenol-d4	7.051	132	304277	26.671	ng/ul	0.00
15) 4-Methylphenol-d8	8.228	113	204460	18.928	ng/ul	0.00
21) Nitrobenzene-d5	8.657	128	151070	29.072	ng/ul	0.00
24) 2-Nitrophenol-d4	9.369	143	170844	30.142	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.904	165	361193	31.227	ng/ul	0.00
31) 4-Chloroaniline-d4	10.416	131	282263	19.025	ng/ul	0.00
46) Dimethylphthalate-d6	13.574	166	1159719	33.825	ng/ul	0.00
49) Acenaphthylene-d8	13.839	160	1227214	30.464	ng/ul	0.00
54) 4-Nitrophenol-d4	14.380	143	61957	11.016	ng/ul	0.00
60) Fluorene-d10	15.151	176	1043865	34.621	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.286	200	207138	33.191	ng/ul	0.00
73) Anthracene-d10	17.003	188	1631274	32.984	ng/ul	0.00
81) Pyrene-d10	19.309	212	2088168	33.622	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.727	264	1700074	30.806	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.151	88	55956	10.859	ng/uL#	89
5) Pyridine	3.528	79	349972	23.687	ng/ul	99
6) Benzaldehyde	6.669	77	25718	3.176	ng/ul	93
8) Phenol	6.734	94	461033	29.792	ng/ul	98
10) Bis(2-Chloroethyl)ether	6.957	93	364399	28.877	ng/ul	98
12) 2-Chlorophenol	7.086	128	346793	29.435	ng/ul	99
13) 2-Methylphenol	7.963	108	316413	29.178	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.033	45	596282	30.675	ng/ul	100
16) Acetophenone	8.328	105	540238	30.076	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.316	70	303650	32.232	ng/ul	99
18) 4-Methylphenol	8.286	108	343362	29.337	ng/ul	100
19) Hexachloroethane	8.569	117	153684	29.689	ng/ul	99
22) Nitrobenzene	8.698	77	417864	30.107	ng/ul	98
23) Isophorone	9.222	82	771910	31.102	ng/ul	100
25) 2-Nitrophenol	9.404	139	191916	30.494	ng/ul	97
26) 2,4-Dimethylphenol	9.475	107	314983	27.197	ng/ul	100
27) Bis(2-Chloroethoxy)met...	9.704	93	476022	30.623	ng/ul	99
29) 2,4-Dichlorophenol	9.933	162	372657	32.050	ng/ul	98
30) Naphthalene	10.322	128	1085207	30.008	ng/ul	100
32) 4-Chloroaniline	10.439	127	168636	11.879	ng/ul	98
33) Hexachlorobutadiene	10.610	225	265809	30.496	ng/ul	100
34) Caprolactam	11.216	113	108107	33.705	ng/ul	86
35) 4-Chloro-3-methylphenol	11.580	107	356545	35.492	ng/ul	99
36) 2-Methylnaphthalene	11.945	142	784688	31.815	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.163	142	786964	32.366	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.321	216	511736	29.689	ng/ul	98
40) Hexachlorocyclopentadiene	12.304	237	257066	25.422	ng/ul	98
41) 2,4,6-Trichlorophenol	12.574	196	335119	32.968	ng/ul	97
42) 2,4,5-Trichlorophenol	12.645	196	365838	34.243	ng/ul	99
43) 1,1'-Biphenyl	12.974	154	1080769	30.463	ng/ul	99
44) 2-Chloronaphthalene	13.015	162	878503	30.542	ng/ul	99
45) 2-Nitroaniline	13.233	65	247957	34.316	ng/ul	99
47) Dimethylphthalate	13.621	163	1170810	34.376	ng/ul	99
48) 2,6-Dinitrotoluene	13.739	165	228582	37.317	ng/ul	99
50) Acenaphthylene	13.868	152	1325104	32.018	ng/ul	99
51) 3-Nitroaniline	14.068	138	146592	24.092	ng/ul	98
52) Acenaphthene	14.215	153	961490	32.540	ng/ul	100
53) 2,4-Dinitrophenol	14.280	184	130374	34.422	ng/ul	94
55) 4-Nitrophenol	14.398	109	141956	34.496	ng/ul	99
56) Dibenzofuran	14.557	168	1418145	33.661	ng/ul	99
57) 2,4-Dinitrotoluene	14.533	165	353986	38.645	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.792	232	323789	37.215	ng/ul	95
59) Diethylphthalate	15.004	149	1188316	36.753	ng/ul	99
61) Fluorene	15.209	166	1239226	36.401	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.209	204	663384	35.924	ng/ul	95
63) 4-Nitroaniline	15.239	138	234181	41.678	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.298	198	230293	33.667	ng/ul	99
67) N-Nitrosodiphenylamine	15.427	169	1007136	34.114	ng/ul	98
68) 4-Bromophenyl-phenylether	16.104	248	396431	35.056	ng/ul	96
69) Hexachlorobenzene	16.215	284	448520	34.347	ng/ul	98
70) Atrazine	16.392	200	371132	31.937	ng/ul	98
71) Pentachlorophenol	16.562	266	280255	34.083	ng/ul	99
72) Phenanthrene	16.945	178	1966093	35.267	ng/ul	99
74) Anthracene	17.039	178	1972919	35.134	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	12.939	216	496911	27.760	ng/uL	100
76) Pentachlorobenzene	14.474	250	521363	30.461	ng/uL	98
77) Carbazole	17.315	167	1760558	35.080	ng/ul	99
78) Di-n-butylphthalate	17.898	149	2228650	38.878	ng/ul	100
80) Fluoranthene	18.974	202	2416855	34.071	ng/ul	99
82) Pyrene	19.339	202	2601420	34.084	ng/ul	99
83) Butylbenzylphthalate	20.268	149	997927	38.823	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.056	252	389364	19.302	ng/ul	99
85) Benzo(a)anthracene	21.121	228	2608295	34.950	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.068	149	1523143	40.328	ng/ul	98
87) Chrysene	21.174	228	2435709	35.144	ng/ul	100
89) Di-n-octyl phthalate	22.133	149	2450353	38.714	ng/ul	100
90) Benzo(b)fluoranthene	23.044	252	2470349	36.833	ng/ul	99
91) Benzo(k)fluoranthene	23.103	252	2462019	36.328	ng/ul	100
93) Benzo(a)pyrene	23.785	252	2257181	35.876	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.997	276	2844369	36.474	ng/ul	99
95) Dibenzo(a,h)anthracene	27.050	278	2331382	36.895	ng/ul	100
96) Benzo(g,h,i)perylene	27.956	276	2188090	36.903	ng/ul	99

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

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