Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091024\
Data File : BM047466.D
Acq On : 10 Sep 2024 18:03
Operator : RC/JU
Sample : SSTD01031
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD010014

Quant Time: Sep 11 00:10:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 11 00:00:20 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.875	152	368720	20.000	ng/ul	0.00
20) Naphthalene-d8	10.669	136	1632977	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.504	164	1006104	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.239	188	2017481	20.000	ng/ul	0.00
79) Chrysene-d12	21.468	240	1846759	20.000	ng/ul	0.00
88) Perylene-d12	24.521	264	2095834	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.305	96	41306	4.438	ng/uL	0.00
4) Pyridine-d5	3.716	84	299354	11.792	ng/ul	0.00
7) Phenol-d5	7.022	99	344770	12.309	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.198	67	225605	12.241	ng/ul	0.00
11) 2-Chlorophenol-d4	7.404	132	278158	11.723	ng/ul	0.00
15) 4-Methylphenol-d8	8.569	113	269568	12.149	ng/ul	0.00
21) Nitrobenzene-d5	9.022	128	130448	9.955	ng/ul	0.00
24) 2-Nitrophenol-d4	9.745	143	114619	8.010	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.286	165	246323	8.966	ng/ul	0.00
31) 4-Chloroaniline-d4	10.792	131	409135	11.331	ng/ul	0.00
46) Dimethylphthalate-d6	13.910	166	781777	10.162	ng/ul	0.00
49) Acenaphthylene-d8	14.192	160	933965	10.877	ng/ul	0.00
54) 4-Nitrophenol-d4	14.669	143	135562	9.114	ng/ul	0.00
60) Fluorene-d10	15.492	176	675578	10.266	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.592	200	80982	6.353	ng/ul	0.00
73) Anthracene-d10	17.333	188	1026741	10.735	ng/ul	0.00
81) Pyrene-d10	19.615	212	1131133	10.700	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.309	264	1151155	10.431	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.340	88	44383	4.286	ng/uL	99
5) Pyridine	3.734	79	316550	12.595	ng/ul	98
6) Benzaldehyde	7.004	77	218771	13.598	ng/ul	98
8) Phenol	7.051	94	360587	12.783	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.293	93	297027	12.354	ng/ul	99
12) 2-Chlorophenol	7.434	128	289776	12.055	ng/ul	99
13) 2-Methylphenol	8.304	108	266394	12.397	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.398	45	449659	15.607	ng/ul	99
16) Acetophenone	8.687	105	456187	13.062	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.675	70	248893	13.514	ng/ul	96
18) 4-Methylphenol	8.628	108	296335	12.764	ng/ul	97
19) Hexachloroethane	8.963	117	126281	10.785	ng/ul	96
22) Nitrobenzene	9.063	77	334035	9.541	ng/ul	100
23) Isophorone	9.592	82	664262	11.089	ng/ul	98
25) 2-Nitrophenol	9.781	139	137433	8.779	ng/ul	98
26) 2,4-Dimethylphenol	9.839	107	312473	10.127	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.081	93	407444	11.033	ng/ul	100
29) 2,4-Dichlorophenol	10.310	162	251310	9.171	ng/ul	98
30) Naphthalene	10.722	128	960118	11.105	ng/ul	100
32) 4-Chloroaniline	10.816	127	403441	11.506	ng/ul	97
33) Hexachlorobutadiene	11.016	225	156323	7.907	ng/ul	98
34) Caprolactam	11.563	113	85926	10.355	ng/ul	97
35) 4-Chloro-3-methylphenol	11.939	107	289730	10.254	ng/ul	99
36) 2-Methylnaphthalene	12.333	142	648253	10.738	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.551	142	655046	10.718	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.698	216	304934	9.664	ng/ul	98
40) Hexachlorocyclopentadiene	12.686	237	188376	9.063	ng/ul	98
41) 2,4,6-Trichlorophenol	12.933	196	182214	8.823	ng/ul	99
42) 2,4,5-Trichlorophenol	12.998	196	199613	8.952	ng/ul	99
43) 1,1'-Biphenyl	13.339	154	835743	11.103	ng/ul	99
44) 2-Chloronaphthalene	13.380	162	643869	10.772	ng/ul	99
45) 2-Nitroaniline	13.569	65	178284	9.815	ng/ul	98
47) Dimethylphthalate	13.957	163	801279	10.380	ng/ul	99
48) 2,6-Dinitrotoluene	14.063	165	135920	9.058	ng/ul	91
50) Acenaphthylene	14.222	152	1021400	11.263	ng/ul	100
51) 3-Nitroaniline	14.386	138	151625	9.922	ng/ul	99
52) Acenaphthene	14.563	153	728442	11.142	ng/ul	99
53) 2,4-Dinitrophenol	14.592	184	51311	4.846	ng/ul	99
55) 4-Nitrophenol	14.680	109	120562	8.009	ng/ul	98
56) Dibenzofuran	14.898	168	948955	10.342	ng/ul	99
57) 2,4-Dinitrotoluene	14.851	165	199281	8.690	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.121	232	153513	7.744	ng/ul	97
59) Diethylphthalate	15.321	149	854343	10.288	ng/ul	100
61) Fluorene	15.545	166	814538	10.763	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.545	204	373595	10.027	ng/ul	98
63) 4-Nitroaniline	15.545	138	158075	10.467	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.610	198	96677	6.932	ng/ul	100
67) N-Nitrosodiphenylamine	15.751	169	665274	11.125	ng/ul	99
68) 4-Bromophenyl-phenylether	16.433	248	218688	10.015	ng/ul	98
69) Hexachlorobenzene	16.545	284	252607	9.824	ng/ul	97
70) Atrazine	16.698	200	223957	9.545	ng/ul	98
71) Pentachlorophenol	16.886	266	130670	7.506	ng/ul	98
72) Phenanthrene	17.280	178	1219038	10.779	ng/ul	99
74) Anthracene	17.368	178	1239261	10.866	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.304	216	305500	10.525	ng/uL	99
76) Pentachlorobenzene	14.821	250	306697	10.207	ng/uL	99
77) Carbazole	17.627	167	1162427	10.994	ng/ul	100
78) Di-n-butylphthalate	18.209	149	1475902	10.977	ng/ul	100
80) Fluoranthene	19.286	202	1347187	10.663	ng/ul	99
82) Pyrene	19.645	202	1465065	10.883	ng/ul	98
83) Butylbenzylphthalate	20.551	149	632040	10.742	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.368	252	450002	9.940	ng/ul	97
85) Benzo(a)anthracene	21.450	228	1414805	10.490	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.392	149	967394	11.262	ng/ul	100
87) Chrysene	21.509	228	1296707	10.080	ng/ul	100
89) Di-n-octyl phthalate	22.556	149	1636106	11.066	ng/ul	100
90) Benzo(b)fluoranthene	23.556	252	1395338	10.763	ng/ul	99
91) Benzo(k)fluoranthene	23.615	252	1368642	10.683	ng/ul	98
93) Benzo(a)pyrene	24.374	252	1282900	10.622	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.968	276	1635879	10.572	ng/ul	99
95) Dibenzo(a,h)anthracene	28.032	278	1332984	10.724	ng/ul	99
96) Benzo(g,h,i)perylene	29.038	276	1266461	10.359	ng/ul	98

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

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