Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102824\
Data File : BM048327.D
Acq On : 30 Oct 2024 17:39
Operator : RC/JU
Sample : P4535-03MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E1L68MSD

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 10/31/2024
Supervised By :mohammad ahmed 11/01/2024

Quant Time: Oct 30 17:14:12 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM102624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Oct 27 23:39:58 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.710	152	242165	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.504	136	998180	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.357	164	598892	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.098	188	1130767	20.000	ng/ul	-0.01
79) Chrysene-d12	21.321	240	937719	20.000	ng/ul	-0.01
88) Perylene-d12	24.262	264	1014616	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.170	96	26696	4.340	ng/uL	0.00
4) Pyridine-d5	3.587	84	169258	9.493	ng/ul	0.00
7) Phenol-d5	6.893	99	158715	7.629	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.046	67	373206	28.959	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.246	132	444496	26.272	ng/ul	-0.01
15) 4-Methylphenol-d8	8.428	113	301849	18.071	ng/ul	-0.01
21) Nitrobenzene-d5	8.869	128	247767	30.276	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.593	143	272903	30.783	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.134	165	487421	30.128	ng/ul	0.00
31) 4-Chloroaniline-d4	10.646	131	585343	26.057	ng/ul	0.00
46) Dimethylphthalate-d6	13.769	166	1501588	33.550	ng/ul	-0.01
49) Acenaphthylene-d8	14.051	160	1536577	30.449	ng/ul	0.00
54) 4-Nitrophenol-d4	14.581	143	62658	7.656	ng/ul	0.00
60) Fluorene-d10	15.351	176	1206758	31.910	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.480	200	256347	34.304	ng/ul	0.00
73) Anthracene-d10	17.198	188	1886990	35.291	ng/ul	-0.01
81) Pyrene-d10	19.492	212	2099556	36.897	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.068	264	1984104	37.075	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.205	88	32488	4.996	ng/uL	99
5) Pyridine	3.605	79	188669	10.325	ng/ul	97
6) Benzaldehyde	6.858	77	249322	24.214	ng/ul	97
8) Phenol	6.916	94	189083	8.727	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.140	93	523180	30.224	ng/ul	99
12) 2-Chlorophenol	7.281	128	479852	27.625	ng/ul	99
13) 2-Methylphenol	8.163	108	370218	22.713	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.234	45	755438	28.554	ng/ul	99
16) Acetophenone	8.534	105	821357	31.221	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.522	70	418468	31.014	ng/ul	98
18) 4-Methylphenol	8.493	108	352304	19.584	ng/ul	96
19) Hexachloroethane	8.787	117	105748	14.441	ng/ul	97
22) Nitrobenzene	8.910	77	588618	30.953	ng/ul	99
23) Isophorone	9.440	82	1159742	31.470	ng/ul	98
25) 2-Nitrophenol	9.622	139	306071	31.496	ng/ul	99
26) 2,4-Dimethylphenol	9.687	107	505334	28.326	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.922	93	717670	31.399	ng/ul	99
29) 2,4-Dichlorophenol	10.157	162	512254	30.945	ng/ul	99
30) Naphthalene	10.551	128	1358981	24.376	ng/ul	100
32) 4-Chloroaniline	10.669	127	383412	17.615	ng/ul	99
33) Hexachlorobutadiene	10.840	225	188657	17.103	ng/ul	99
34) Caprolactam	11.457	113	24568m	4.653	ng/ul	
35) 4-Chloro-3-methylphenol	11.798	107	496305	29.797	ng/ul	100
36) 2-Methylnaphthalene	12.169	142	1015430	27.021	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.392	142	1030033	27.020	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.540	216	554389	29.239	ng/ul	98
40) Hexachlorocyclopentadiene	12.522	237	189065	16.658	ng/ul	99
41) 2,4,6-Trichlorophenol	12.787	196	420269	34.340	ng/ul	99
42) 2,4,5-Trichlorophenol	12.863	196	451399	34.920	ng/ul	98
43) 1,1'-Biphenyl	13.187	154	1434351	31.227	ng/ul	99
44) 2-Chloronaphthalene	13.228	162	1110415	31.197	ng/ul	98
45) 2-Nitroaniline	13.439	65	355988	36.137	ng/ul	98
47) Dimethylphthalate	13.816	163	1532942	34.152	ng/ul	99
48) 2,6-Dinitrotoluene	13.939	165	313376	35.906	ng/ul	95
50) Acenaphthylene	14.075	152	1808389	32.807	ng/ul	99
51) 3-Nitroaniline	14.269	138	307411	33.461	ng/ul	98
52) Acenaphthene	14.422	153	1269386	32.453	ng/ul	100
53) 2,4-Dinitrophenol	14.481	184	172607	29.078	ng/ul	97
55) 4-Nitrophenol	14.592	109	46834	7.839	ng/ul	95
56) Dibenzofuran	14.757	168	1787188	33.211	ng/ul	100
57) 2,4-Dinitrotoluene	14.728	165	454423	35.614	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.986	232	381132	34.390	ng/ul	98
59) Diethylphthalate	15.181	149	1569755	34.761	ng/ul	100
61) Fluorene	15.404	166	1426504	33.290	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.398	204	710186	33.015	ng/ul	98
63) 4-Nitroaniline	15.433	138	330096	39.682	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.492	198	283422	35.379	ng/ul	92
67) N-Nitrosodiphenylamine	15.616	169	1221838	36.191	ng/ul	99
68) 4-Bromophenyl-phenylether	16.292	248	446596	36.200	ng/ul	98
69) Hexachlorobenzene	16.410	284	523031	35.433	ng/ul	99
70) Atrazine	16.569	200	449251	38.866	ng/ul	99
71) Pentachlorophenol	16.757	266	328395	35.161	ng/ul	98
72) Phenanthrene	17.139	178	2238780	35.755	ng/ul	100
74) Anthracene	17.233	178	2225655	35.513	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.151	216	567790	31.729	ng/uL	99
76) Pentachlorobenzene	14.681	250	605946	33.273	ng/uL	99
77) Carbazole	17.504	167	2077201	37.748	ng/ul	100
78) Di-n-butylphthalate	18.069	149	2750591	38.038	ng/ul	100
80) Fluoranthene	19.157	202	2509245	37.898	ng/ul	98
82) Pyrene	19.521	202	2632674	37.085	ng/ul	100
83) Butylbenzylphthalate	20.415	149	1179148	40.193	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.233	252	664406	32.473	ng/ul	100
85) Benzo(a)anthracene	21.304	228	2458968	36.362	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.227	149	1772915	41.939	ng/ul	99
87) Chrysene	21.368	228	2342707	36.841	ng/ul	99
89) Di-n-octyl phthalate	22.339	149	2901920	38.230	ng/ul	100
90) Benzo(b)fluoranthene	23.339	252	2425284	37.457	ng/ul	99
91) Benzo(k)fluoranthene	23.398	252	2389660	36.861	ng/ul	99
93) Benzo(a)pyrene	24.127	252	2207245	37.472	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.580	276	2844437	40.097	ng/ul	99
95) Dibenzo(a,h)anthracene	27.633	278	2350297	40.511	ng/ul	100
96) Benzo(g,h,i)perylene	28.615	276	2204308	40.492	ng/ul	97

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

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