Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032124\
Data File : BM044688.D
Acq On : 20 Mar 2024 17:56
Operator : MA/JU
Sample : P1760-06MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E0773MS

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 03/21/2024
Supervised By :mohammad ahmed 03/26/2024

Quant Time: Mar 20 19:07:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM030524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 15 11:12:49 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.692	152	161008	20.000	ng/ul	0.00
20) Naphthalene-d8	10.475	136	642661	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.339	164	358000	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.092	188	667663	20.000	ng/ul	0.00
79) Chrysene-d12	21.291	240	571907	20.000	ng/ul	0.00
88) Perylene-d12	23.538	264	647369	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.257	96	23943	5.044	ng/uL	0.00
4) Pyridine-d5	3.651	84	342005	24.477	ng/ul	0.00
7) Phenol-d5	6.863	99	438522	26.491	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.045	67	285919	27.963	ng/ul	0.00
11) 2-Chlorophenol-d4	7.228	132	341516	28.075	ng/ul	0.00
15) 4-Methylphenol-d8	8.398	113	324908	24.992	ng/ul	0.00
21) Nitrobenzene-d5	8.851	128	166705	30.805	ng/ul	0.00
24) 2-Nitrophenol-d4	9.569	143	179601	30.786	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.098	165	319180	32.147	ng/ul	0.00
31) 4-Chloroaniline-d4	10.622	131	384089	23.292	ng/ul	0.00
46) Dimethylphthalate-d6	13.763	166	816419	29.072	ng/ul	0.00
49) Acenaphthylene-d8	14.027	160	978826	30.477	ng/ul	0.00
54) 4-Nitrophenol-d4	14.551	143	153900	26.426	ng/ul	0.00
60) Fluorene-d10	15.339	176	706818	29.951	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.468	200	126509	29.190	ng/ul	0.00
73) Anthracene-d10	17.192	188	997490	31.256	ng/ul	0.00
81) Pyrene-d10	19.492	212	1120732	31.951	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.397	264	1081510	31.784	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.287	88	76834	15.634	ng/uL	96
5) Pyridine	3.669	79	515422	35.567	ng/ul	95
6) Benzaldehyde	6.851	77	277779	38.526	ng/ul	93
8) Phenol	6.892	94	644293	38.137	ng/ul	93
10) Bis(2-Chloroethyl)ether	7.134	93	527034	37.992	ng/ul	97
12) 2-Chlorophenol	7.257	128	502551	40.053	ng/ul	97
13) 2-Methylphenol	8.134	108	464559	36.236	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.216	45	770270	42.046	ng/ul	96
16) Acetophenone	8.516	105	744808	36.940	ng/ul	93
17) N-Nitroso-di-n-propyla...	8.504	70	398609	38.265	ng/ul	92
18) 4-Methylphenol	8.463	108	497736	35.666	ng/ul	95
19) Hexachloroethane	8.751	117	214163	41.669	ng/ul	97
22) Nitrobenzene	8.898	77	582149	45.361	ng/ul	96
23) Isophorone	9.416	82	1086480	41.495	ng/ul	97
25) 2-Nitrophenol	9.598	139	273098	42.939	ng/ul	97
26) 2,4-Dimethylphenol	9.657	107	413536	35.734	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.904	93	673080	40.875	ng/ul	99
29) 2,4-Dichlorophenol	10.122	162	429147	43.294	ng/ul	99
30) Naphthalene	10.522	128	1561016	42.887	ng/ul	100
32) 4-Chloroaniline	10.645	127	378676	23.820	ng/ul	96
33) Hexachlorobutadiene	10.792	225	262727	47.289	ng/ul	97
34) Caprolactam	11.433	113	131659m	34.107	ng/ul	
35) 4-Chloro-3-methylphenol	11.769	107	457521	39.802	ng/ul	98
36) 2-Methylnaphthalene	12.139	142	994686	41.095	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.363	142	977470	40.937	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.510	216	468951	46.043	ng/ul	99
40) Hexachlorocyclopentadiene	12.480	237	285691	42.256	ng/ul	99
41) 2,4,6-Trichlorophenol	12.757	196	296077	41.467	ng/ul	98
42) 2,4,5-Trichlorophenol	12.827	196	322300	42.121	ng/ul	99
43) 1,1'-Biphenyl	13.169	154	1242952	43.723	ng/ul	100
44) 2-Chloronaphthalene	13.210	162	970024	43.482	ng/ul	100
45) 2-Nitroaniline	13.427	65	306642	43.784	ng/ul	95
47) Dimethylphthalate	13.810	163	1174832	41.112	ng/ul	100
48) 2,6-Dinitrotoluene	13.933	165	234839	41.143	ng/ul	96
50) Acenaphthylene	14.057	152	1602933	42.821	ng/ul	100
51) 3-Nitroaniline	14.263	138	231439	37.539	ng/ul	96
52) Acenaphthene	14.404	153	1060568	43.098	ng/ul	100
53) 2,4-Dinitrophenol	14.468	184	125331	34.326	ng/ul	92
55) 4-Nitrophenol	14.568	109	166824	40.883	ng/ul	93
56) Dibenzofuran	14.739	168	1387012	42.373	ng/ul	99
57) 2,4-Dinitrotoluene	14.721	165	334107	40.550	ng/ul	90
58) 2,3,4,6-Tetrachlorophenol	14.968	232	244314	38.583	ng/ul	97
59) Diethylphthalate	15.180	149	1191189	40.166	ng/ul	99
61) Fluorene	15.392	166	1146224	42.815	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.392	204	551467	44.382	ng/ul	99
63) 4-Nitroaniline	15.433	138	270082m	45.834	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.486	198	191383	41.324	ng/ul	100
67) N-Nitrosodiphenylamine	15.610	169	917234	45.614	ng/ul	99
68) 4-Bromophenyl-phenylether	16.292	248	315426	47.233	ng/ul	98
69) Hexachlorobenzene	16.386	284	363401	47.775	ng/ul	99
70) Atrazine	16.574	200	122282	18.609	ng/ul	98
71) Pentachlorophenol	16.739	266	199478	39.715	ng/ul	99
72) Phenanthrene	17.139	178	1697310	44.814	ng/ul	99
74) Anthracene	17.227	178	1678840	43.829	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.121	216	462123	51.820	ng/uL	99
76) Pentachlorobenzene	14.651	250	437869	50.787	ng/uL	99
77) Carbazole	17.503	167	1562735	43.416	ng/ul	99
78) Di-n-butylphthalate	18.080	149	2073814	42.834	ng/ul	100
80) Fluoranthene	19.156	202	1923157	46.038	ng/ul	99
82) Pyrene	19.521	202	1982906	45.594	ng/ul	99
83) Butylbenzylphthalate	20.444	149	875911	40.960	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.221	252	473196	38.250	ng/ul	99
85) Benzo(a)anthracene	21.280	228	1857990	43.262	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.227	149	1346024	43.170	ng/ul	100
87) Chrysene	21.333	228	1744533	43.874	ng/ul	100
89) Di-n-octyl phthalate	22.115	149	2251065	38.855	ng/ul	100
90) Benzo(b)fluoranthene	22.868	252	1910579	44.106	ng/ul	99
91) Benzo(k)fluoranthene	22.915	252	1789936	42.190	ng/ul	99
93) Benzo(a)pyrene	23.444	252	1751985	43.236	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.815	276	2216277	48.764	ng/ul	99
95) Dibenzo(a,h)anthracene	25.826	278	1852756	48.890	ng/ul	99
96) Benzo(g,h,i)perylene	26.503	276	1786558	49.259	ng/ul	99

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

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