Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030524\
Data File : BM044508.D
Acq On : 05 Mar 2024 18:53
Operator : MA/JU
Sample : SP6445
Misc : SFAM SPIKE
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Mar 05 23:29:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM030524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 05 23:05:11 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SP6445

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/06/2024
Supervised By :mohammad ahmed 03/08/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.734	152	201144	20.000	ng/ul	0.00
20) Naphthalene-d8	10.516	136	933009	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.368	164	576873	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.121	188	1191772	20.000	ng/ul	0.00
79) Chrysene-d12	21.315	240	956404	20.000	ng/ul	0.00
88) Perylene-d12	23.562	264	1014296	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/uL	
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	0.000	99	0	0.000	ng/ul	
9) Bis-(2-Chloroethyl)eth...	0.000	67	0d	0.000	ng/ul	
11) 2-Chlorophenol-d4	0.000	132	0d	0.000	ng/ul	
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/ul	
21) Nitrobenzene-d5	0.000	128	0d	0.000	ng/ul	
24) 2-Nitrophenol-d4	0.000	143	0	0.000	ng/ul	
28) 2,4-Dichlorophenol-d3	0.000	165	0d	0.000	ng/ul	
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	0.000	166	0d	0.000	ng/ul	
49) Acenaphthylene-d8	0.000	160	0	0.000	ng/ul	
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	0.000	176	0d	0.000	ng/ul	
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	0.000	188	0d	0.000	ng/ul	
81) Pyrene-d10	0.000	212	0d	0.000	ng/ul	
92) Benzo(a)pyrene-d12	0.000	264	0d	0.000	ng/ul	
Target Compounds						Qvalue
2) 1,4-Dioxane	3.316	88	212191	34.561	ng/uL	97
5) Pyridine	3.699	79	1460857	80.692	ng/ul	95
6) Benzaldehyde	6.892	77	1216375	135.041	ng/ul	99
8) Phenol	6.934	94	1976710	93.658	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.175	93	1523335	87.899	ng/ul	99
12) 2-Chlorophenol	7.298	128	1510934	96.392	ng/ul	99
13) 2-Methylphenol	8.175	108	1507230	94.107	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.257	45	1992872	87.076	ng/ul	100
16) Acetophenone	8.563	105	2183113	86.671	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.551	70	1138017	87.447	ng/ul	99
18) 4-Methylphenol	8.510	108	1614415	92.599	ng/ul	95
19) Hexachloroethane	8.792	117	573797	89.366	ng/ul	98
22) Nitrobenzene	8.939	77	1665486	89.390	ng/ul	100
23) Isophorone	9.463	82	3421487	90.009	ng/ul	99
25) 2-Nitrophenol	9.639	139	853575	92.443	ng/ul	97
26) 2,4-Dimethylphenol	9.704	107	1632868	97.188	ng/ul	100
27) Bis(2-Chloroethoxy)met...	9.945	93	2117891	88.591	ng/ul	99
29) 2,4-Dichlorophenol	10.169	162	1365438	94.883	ng/ul	99
30) Naphthalene	10.569	128	4638030	87.770	ng/ul	100
32) 4-Chloroaniline	10.686	127	1652076	71.582	ng/ul	98
33) Hexachlorobutadiene	10.833	225	722417	89.565	ng/ul	98
34) Caprolactam	11.504	113	530817m	94.717	ng/ul	
35) 4-Chloro-3-methylphenol	11.816	107	1584240	94.931	ng/ul	100
36) 2-Methylnaphthalene	12.180	142	3100210	88.225	ng/ul	99

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.404	142	3087477	89.066	ng/ul	99
39)	1,2,4,5-Tetrachloroben...	12.551	216	1438230	87.634	ng/ul	98
40)	Hexachlorocyclopentadiene	12.516	237	953425	87.515	ng/ul	99
41)	2,4,6-Trichlorophenol	12.798	196	1066620	92.707	ng/ul	98
42)	2,4,5-Trichlorophenol	12.869	196	1144607	92.832	ng/ul	99
43)	1,1'-Biphenyl	13.204	154	3870628	84.496	ng/ul	100
44)	2-Chloronaphthalene	13.245	162	3072185	85.462	ng/ul	99
45)	2-Nitroaniline	13.463	65	1044102	92.518	ng/ul	95
47)	Dimethylphthalate	13.845	163	3968207	86.177	ng/ul	100
48)	2,6-Dinitrotoluene	13.968	165	887778	96.522	ng/ul	96
50)	Acenaphthylene	14.092	152	5160240	85.549	ng/ul	100
51)	3-Nitroaniline	14.298	138	963309	96.964	ng/ul	99
52)	Acenaphthene	14.439	153	3325325	83.860	ng/ul	99
53)	2,4-Dinitrophenol	14.504	184	581281	98.800	ng/ul	97
55)	4-Nitrophenol	14.604	109	590389	89.790	ng/ul	95
56)	Dibenzofuran	14.774	168	4312451	81.758	ng/ul	99
57)	2,4-Dinitrotoluene	14.757	165	1214734	91.493	ng/ul	98
58)	2,3,4,6-Tetrachlorophenol	14.998	232	928229	90.972	ng/ul	99
59)	Diethylphthalate	15.215	149	4070887	85.185	ng/ul	99
61)	Fluorene	15.427	166	3405996	78.954	ng/ul	100
62)	4-Chlorophenyl-phenyle...	15.427	204	1572196	78.523	ng/ul	99
63)	4-Nitroaniline	15.468	138	1085407m	114.311	ng/ul	
66)	4,6-Dinitro-2-methylph...	15.515	198	764788	92.513	ng/ul#	97
67)	N-Nitrosodiphenylamine	15.645	169	3136964	87.395	ng/ul	99
68)	4-Bromophenyl-phenylether	16.321	248	1076461	90.305	ng/ul	96
69)	Hexachlorobenzene	16.421	284	1187643	87.472	ng/ul	96
70)	Atrazine	16.609	200	1148693	97.932	ng/ul	99
71)	Pentachlorophenol	16.768	266	840585	93.758	ng/ul	98
72)	Phenanthrene	17.168	178	5745088	84.979	ng/ul	100
74)	Anthracene	17.256	178	5858922	85.691	ng/ul	100
75)	1,2,3,4-Tetrachloroben...	13.163	216	1458237	91.609	ng/uL	99
76)	Pentachlorobenzene	14.686	250	1330734	86.470	ng/uL	100
77)	Carbazole	17.533	167	5630859	87.641	ng/ul	99
78)	Di-n-butylphthalate	18.103	149	7332656	84.848	ng/ul	99
80)	Fluoranthene	19.186	202	6581049	94.207	ng/ul	96
82)	Pyrene	19.545	202	6799596	93.493	ng/ul	97
83)	Butylbenzylphthalate	20.462	149	3457129	96.672	ng/ul	100
84)	3,3'-Dichlorobenzidine	21.239	252	1963717	94.919	ng/ul	99
85)	Benzo(a)anthracene	21.297	228	6319344	87.986	ng/ul	99
86)	Bis(2-ethylhexyl)phtha...	21.239	149	4284233	82.166	ng/ul	99
87)	Chrysene	21.350	228	5823439	87.578	ng/ul	98
89)	Di-n-octyl phthalate	22.127	149	8461657	93.218	ng/ul	100
90)	Benzo(b)fluoranthene	22.891	252	6332255	93.300	ng/ul	99
91)	Benzo(k)fluoranthene	22.938	252	5757505	86.614	ng/ul	98
93)	Benzo(a)pyrene	23.468	252	5690026	89.623	ng/ul	99
94)	Indeno(1,2,3-cd)pyrene	25.844	276	5960396	83.702	ng/ul	97
95)	Dibenzo(a,h)anthracene	25.868	278	4936099	83.133	ng/ul	98
96)	Benzo(g,h,i)perylene	26.544	276	4794494	84.371	ng/ul	98

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

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