Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122022\
Data File : BM038169.D
Acq On : 21 Dec 2022 13:23
Operator : CG/JU
Sample : N6014-15MS
Misc :
ALS Vial : 37 Sample Multiplier: 1

Quant Time: Dec 21 23:31:02 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 21 00:11:56 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DBXS6MS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/22/2022
Supervised By :mohammad ahmed 12/22/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.040	152	174686	20.000	ng/ul	0.00
20) Naphthalene-d8	10.857	136	738787	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.669	164	454266	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.410	188	936024	20.000	ng/ul	0.00
79) Chrysene-d12	21.580	240	649065	20.000	ng/ul	0.00
88) Perylene-d12	24.033	264	633100	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	20172	5.243	ng/uL	0.00
4) Pyridine-d5	3.828	84	266610	23.360	ng/ul	0.00
7) Phenol-d5	7.204	99	443014	31.209	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.369	67	245746	28.431	ng/ul	0.00
11) 2-Chlorophenol-d4	7.569	132	395087	33.928	ng/ul	0.00
15) 4-Methylphenol-d8	8.757	113	357924	32.302	ng/ul	0.00
21) Nitrobenzene-d5	9.216	128	202458	34.612	ng/ul	0.00
24) 2-Nitrophenol-d4	9.939	143	236793	38.629	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.481	165	443430	38.085	ng/ul	0.00
31) 4-Chloroaniline-d4	10.998	131	478637	29.781	ng/ul	0.00
46) Dimethylphthalate-d6	14.080	166	1209311	37.340	ng/ul	0.00
49) Acenaphthylene-d8	14.369	160	1427967	36.076	ng/ul	0.00
54) 4-Nitrophenol-d4	14.874	143	203273	36.829	ng/ul	0.00
60) Fluorene-d10	15.657	176	1054280	36.539	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.786	200	156797	31.332	ng/ul	0.00
73) Anthracene-d10	17.510	188	1592703	36.459	ng/ul	0.00
81) Pyrene-d10	19.792	212	1650369	42.329	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.874	264	1145231	36.216	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.428	88	47096	11.669	ng/uL	97
5) Pyridine	3.846	79	336951	29.378	ng/ul	99
6) Benzaldehyde	7.181	77	287353	54.123	ng/ul	97
8) Phenol	7.234	94	495588	34.810	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.463	93	399474	34.171	ng/ul	95
12) 2-Chlorophenol	7.604	128	446095	37.458	ng/ul	98
13) 2-Methylphenol	8.492	108	405773	37.245	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.569	45	657544	31.149	ng/ul	98
16) Acetophenone	8.875	105	646986	37.126	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.863	70	295855	36.038	ng/ul	94
18) 4-Methylphenol	8.822	108	439227	37.268	ng/ul	99
19) Hexachloroethane	9.128	117	177013	37.179	ng/ul	97
22) Nitrobenzene	9.257	77	459603	36.517	ng/ul	96
23) Isophorone	9.787	82	871649	37.793	ng/ul	98
25) 2-Nitrophenol	9.975	139	259249	40.340	ng/ul	95
26) 2,4-Dimethylphenol	10.028	107	504420	40.588	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.263	93	547593	35.717	ng/ul	98
29) 2,4-Dichlorophenol	10.504	162	471197	41.248	ng/ul	98
30) Naphthalene	10.910	128	1489018	37.348	ng/ul	99
32) 4-Chloroaniline	11.022	127	548297	34.210	ng/ul	99
33) Hexachlorobutadiene	11.186	225	314250	41.817	ng/ul	99
34) Caprolactam	11.828	113	130653m	44.587	ng/ul	
35) 4-Chloro-3-methylphenol	12.145	107	448093	43.094	ng/ul	99
36) 2-Methylnaphthalene	12.510	142	1018358	39.381	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.727	142	1019560	38.559	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.875	216	572528	38.573	ng/ul	98
40) Hexachlorocyclopentadiene	12.845	237	130873	15.414	ng/ul	98
41) 2,4,6-Trichlorophenol	13.116	196	386653	42.767	ng/ul	97
42) 2,4,5-Trichlorophenol	13.186	196	415507	44.067	ng/ul	99
43) 1,1'-Biphenyl	13.510	154	1369950	37.518	ng/ul	98
44) 2-Chloronaphthalene	13.557	162	1093519	38.821	ng/ul	98
45) 2-Nitroaniline	13.763	65	280778	41.369	ng/ul	94
47) Dimethylphthalate	14.127	163	1310320	41.008	ng/ul	100
48) 2,6-Dinitrotoluene	14.257	165	267615	43.118	ng/ul	98
50) Acenaphthylene	14.398	152	1912222	43.935	ng/ul	99
51) 3-Nitroaniline	14.586	138	276073	44.583	ng/ul	97
52) Acenaphthene	14.733	153	1183248	39.305	ng/ul	99
53) 2,4-Dinitrophenol	14.786	184	110807	36.383	ng/ul	93
55) 4-Nitrophenol	14.892	109	183761	50.485	ng/ul	87
56) Dibenzofuran	15.069	168	1615696	39.311	ng/ul	96
57) 2,4-Dinitrotoluene	15.039	165	372302	44.294	ng/ul#	95
58) 2,3,4,6-Tetrachlorophenol	15.292	232	357814	45.113	ng/ul	96
59) Diethylphthalate	15.480	149	1346758	42.309	ng/ul	97
61) Fluorene	15.716	166	1358405	40.527	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.704	204	684746	41.803	ng/ul	96
63) 4-Nitroaniline	15.745	138	279587m	49.795	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.798	198	164477	33.950	ng/ul#	95
67) N-Nitrosodiphenylamine	15.921	169	1086793	38.491	ng/ul	99
68) 4-Bromophenyl-phenylether	16.598	248	403629	39.338	ng/ul	97
69) Hexachlorobenzene	16.715	284	494256	40.354	ng/ul	98
70) Atrazine	16.868	200	402130	41.677	ng/ul	96
71) Pentachlorophenol	17.063	266	293743	43.137	ng/ul	99
72) Phenanthrene	17.451	178	2516974	49.240	ng/ul	99
74) Anthracene	17.545	178	2224590	42.824	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.480	216	579021	38.264	ng/uL	98
76) Pentachlorobenzene	14.986	250	562225	37.507	ng/uL	98
77) Carbazole	17.815	167	1859500	41.317	ng/ul	99
78) Di-n-butylphthalate	18.362	149	2411861	45.085	ng/ul	99
80) Fluoranthene	19.462	202	4305164	93.560	ng/ul#	94
82) Pyrene	19.827	202	3995496	83.431	ng/ul#	93
83) Butylbenzylphthalate	20.703	149	942522	52.928	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.492	252	293970	22.888	ng/ul	98
85) Benzo(a)anthracene	21.562	228	2627700	60.134	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.468	149	1376315	53.127	ng/ul	100
87) Chrysene	21.621	228	2389265	58.276	ng/ul	98
89) Di-n-octyl phthalate	22.409	149	2065904	50.926	ng/ul	100
90) Benzo(b)fluoranthene	23.286	252	2552550	65.034	ng/ul	99
91) Benzo(k)fluoranthene	23.333	252	1945484	51.145	ng/ul	98
93) Benzo(a)pyrene	23.927	252	1960664	56.806	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.609	276	2214598	49.820	ng/ul	98
95) Dibenzo(a,h)anthracene	26.615	278	1658642	44.261	ng/ul	99
96) Benzo(g,h,i)perylene	27.397	276	1816128	51.172	ng/ul	96

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

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