Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090822\
Data File : BM036530.D
Acq On : 08 Sep 2022 14:03
Operator : CG/JU
Sample : SP5945
Misc : SFAM SPIKE
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 08 17:55:54 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM081622.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 02 01:33:23 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SP5945

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 09/09/2022
Supervised By :mohammad ahmed 09/19/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.716	152	281557	20.000	ng/ul	0.00
20) Naphthalene-d8	10.516	136	1283346	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.374	164	803364	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.121	188	1630520	20.000	ng/ul	0.00
79) Chrysene-d12	21.309	240	1239722	20.000	ng/ul	0.00
88) Perylene-d12	23.597	264	1154727	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	0d	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	0d	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	0d	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	3.163	88	200369	25.750	ng/uL	100
5) Pyridine	3.569	79	1535417	72.955	ng/ul	90
6) Benzaldehyde	6.869	77	434533	44.017	ng/ul	93
8) Phenol	6.934	94	2048372	81.977	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.157	93	1544543	77.283	ng/ul	100
12) 2-Chlorophenol	7.287	128	1617096	81.895	ng/ul	98
13) 2-Methylphenol	8.181	108	1577553	85.648	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.263	45	2261579	84.580	ng/ul	99
16) Acetophenone	8.557	105	2452868	84.987	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.545	70	1274449	88.718	ng/ul	99
18) 4-Methylphenol	8.516	108	1698435	86.143	ng/ul	100
19) Hexachloroethane	8.787	117	668403	80.910	ng/ul	88
22) Nitrobenzene	8.939	77	1831973	79.462	ng/ul	99
23) Isophorone	9.469	82	3562408	87.012	ng/ul	98
25) 2-Nitrophenol	9.645	139	907182	82.502	ng/ul	97
26) 2,4-Dimethylphenol	9.716	107	1857768	84.482	ng/ul	96
27) Bis(2-Chloroethoxy)met...	9.951	93	2154441	80.831	ng/ul	100
29) 2,4-Dichlorophenol	10.181	162	1535735	85.117	ng/ul	99
30) Naphthalene	10.569	128	5184060	76.964	ng/ul	100
32) 4-Chloroaniline	10.692	127	930583	33.465	ng/ul	99
33) Hexachlorobutadiene	10.845	225	923774	81.497	ng/ul	99
34) Caprolactam	11.533	113	491855m	90.983	ng/ul	
35) 4-Chloro-3-methylphenol	11.839	107	1697214	93.034	ng/ul	98
36) 2-Methylnaphthalene	12.186	142	3539879	83.763	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.410	142	3541304	83.206	ng/ul#	98
39) 1,2,4,5-Tetrachloroben...	12.557	216	1719673	77.446	ng/ul	98
40) Hexachlorocyclopentadiene	12.527	237	984112	74.706	ng/ul	97
41) 2,4,6-Trichlorophenol	12.810	196	1155403	82.691	ng/ul	99
42) 2,4,5-Trichlorophenol	12.886	196	1272275	85.844	ng/ul	99
43) 1,1'-Biphenyl	13.210	154	4625354	76.552	ng/ul	99
44) 2-Chloronaphthalene	13.251	162	3581596	77.248	ng/ul	98
45) 2-Nitroaniline	13.474	65	1151041	91.679	ng/ul	96
47) Dimethylphthalate	13.851	163	4354942	83.243	ng/ul	99
48) 2,6-Dinitrotoluene	13.974	165	941583	95.390	ng/ul#	88
50) Acenaphthylene	14.098	152	5884568	78.719	ng/ul	99
51) 3-Nitroaniline	14.304	138	893674	82.787	ng/ul	99
52) Acenaphthene	14.439	153	3839653	78.805	ng/ul	99
53) 2,4-Dinitrophenol	14.516	184	566757	105.356	ng/ul	91
55) 4-Nitrophenol	14.627	109	687386	90.339	ng/ul	79
56) Dibenzofuran	14.774	168	5296720	78.347	ng/ul	93
57) 2,4-Dinitrotoluene	14.763	165	1365524	97.545	ng/ul#	87
58) 2,3,4,6-Tetrachlorophenol	15.004	232	985472	87.574	ng/ul#	91
59) Diethylphthalate	15.210	149	4617529	89.538	ng/ul	100
61) Fluorene	15.427	166	4409436	82.230	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.421	204	2137231	85.322	ng/ul	98
63) 4-Nitroaniline	15.480	138	1092702m	108.512	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.527	198	720359	84.994	ng/ul#	97
67) N-Nitrosodiphenylamine	15.645	169	3688627	79.130	ng/ul	99
68) 4-Bromophenyl-phenylether	16.315	248	1265416	83.814	ng/ul	96
69) Hexachlorobenzene	16.421	284	1495209	81.721	ng/ul	96
70) Atrazine	16.592	200	64333	4.039	ng/ul	94
71) Pentachlorophenol	16.774	266	885595	87.796	ng/ul	99
72) Phenanthrene	17.162	178	6650026	77.580	ng/ul	97
74) Anthracene	17.257	178	6760053	78.664	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.169	216	1723520	70.448	ng/uL	98
76) Pentachlorobenzene	14.692	250	1715514	75.098	ng/uL	99
77) Carbazole	17.533	167	6226565	77.386	ng/ul	98
78) Di-n-butylphthalate	18.098	149	8031239	91.259	ng/ul#	98
80) Fluoranthene	19.186	202	6654969	85.627	ng/ul	95
82) Pyrene	19.545	202	6698525	82.591	ng/ul	95
83) Butylbenzylphthalate	20.450	149	3177320	104.716	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.233	252	1260438	49.373	ng/ul	98
85) Benzo(a)anthracene	21.297	228	5929571	79.592	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.227	149	4549147	108.589	ng/ul	100
87) Chrysene	21.350	228	5685914	77.673	ng/ul	97
89) Di-n-octyl phthalate	22.121	149	7034926	102.484	ng/ul	100
90) Benzo(b)fluoranthene	22.909	252	5710640	81.115	ng/ul#	96
91) Benzo(k)fluoranthene	22.956	252	5156742	76.989	ng/ul#	96
93) Benzo(a)pyrene	23.503	252	5606785	80.953	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	25.980	276	5812359	71.377	ng/ul	95
95) Dibenzo(a,h)anthracene	25.991	278	5039584	71.842	ng/ul	96
96) Benzo(g,h,i)perylene	26.709	276	4751531	68.233	ng/ul	96

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

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