Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122022\
Data File : BM038188.D
Acq On : 22 Dec 2022 02:05
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD020081

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

Quant Time: Dec 22 02:36:09 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.040	152	200030	20.000	ng/ul	0.00
20) Naphthalene-d8	10.857	136	856644	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.669	164	533483	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.404	188	1078966	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.568	240	762952	20.000	ng/ul	-0.01
88) Perylene-d12	24.021	264	767272	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	30747	6.979	ng/uL	0.00
4) Pyridine-d5	3.828	84	235976	18.057	ng/ul	0.00
7) Phenol-d5	7.198	99	310243	19.086	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.363	67	178457	18.030	ng/ul	0.00
11) 2-Chlorophenol-d4	7.569	132	274805	20.609	ng/ul	0.00
15) 4-Methylphenol-d8	8.751	113	265439	20.920	ng/ul	0.00
21) Nitrobenzene-d5	9.210	128	140337	20.691	ng/ul	0.00
24) 2-Nitrophenol-d4	9.934	143	160281	22.550	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.475	165	300066	22.226	ng/ul	0.00
31) 4-Chloroaniline-d4	10.998	131	396754	21.290	ng/ul	0.00
46) Dimethylphthalate-d6	14.074	166	829220	21.802	ng/ul	0.00
49) Acenaphthylene-d8	14.363	160	970494	20.878	ng/ul	0.00
54) 4-Nitrophenol-d4	14.869	143	136943	21.127	ng/ul	0.00
60) Fluorene-d10	15.657	176	712518	21.027	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.780	200	101673	17.625	ng/ul	0.00
73) Anthracene-d10	17.504	188	1048772	20.827	ng/ul	0.00
81) Pyrene-d10	19.786	212	1029398	22.461	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.862	264	803903	20.977	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.428	88	31636	6.846	ng/uL	90
5) Pyridine	3.846	79	231592	17.634	ng/ul	94
6) Benzaldehyde	7.175	77	116992	19.244	ng/ul	96
8) Phenol	7.228	94	308940	18.951	ng/ul	92
10) Bis(2-Chloroethyl)ether	7.457	93	248793	18.585	ng/ul	99
12) 2-Chlorophenol	7.598	128	280558	20.573	ng/ul	99
13) 2-Methylphenol	8.487	108	252758	20.260	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.563	45	441461	18.263	ng/ul	98
16) Acetophenone	8.869	105	412064	20.649	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.851	70	195282	20.774	ng/ul	97
18) 4-Methylphenol	8.816	108	274022	20.304	ng/ul	99
19) Hexachloroethane	9.122	117	113649	20.846	ng/ul	98
22) Nitrobenzene	9.257	77	297530	20.387	ng/ul	94
23) Isophorone	9.781	82	566651	21.189	ng/ul	98
25) 2-Nitrophenol	9.969	139	163348	21.921	ng/ul	94
26) 2,4-Dimethylphenol	10.022	107	317114	22.006	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.263	93	353707	19.897	ng/ul	98
29) 2,4-Dichlorophenol	10.504	162	293518	22.159	ng/ul	99
30) Naphthalene	10.904	128	934706	20.219	ng/ul	100
32) 4-Chloroaniline	11.022	127	391264	21.054	ng/ul	100
33) Hexachlorobutadiene	11.181	225	198866	22.822	ng/ul	100
34) Caprolactam	11.804	113	79355m	23.355	ng/ul	
35) 4-Chloro-3-methylphenol	12.133	107	284809	23.622	ng/ul	95
36) 2-Methylnaphthalene	12.504	142	632579	21.097	ng/ul	98

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37) 1-Methylnaphthalene	12.722	142	650954	21.232	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.869	216	361038	20.712	ng/ul	98
40) Hexachlorocyclopentadiene	12.839	237	83764	8.400	ng/ul	98
41) 2,4,6-Trichlorophenol	13.110	196	240512	22.652	ng/ul	97
42) 2,4,5-Trichlorophenol	13.180	196	251479	22.710	ng/ul	98
43) 1,1'-Biphenyl	13.504	154	865337	20.180	ng/ul	99
44) 2-Chloronaphthalene	13.551	162	673220	20.351	ng/ul	96
45) 2-Nitroaniline	13.757	65	174689	21.916	ng/ul	98
47) Dimethylphthalate	14.122	163	825353	21.995	ng/ul	100
48) 2,6-Dinitrotoluene	14.251	165	163527	22.435	ng/ul	95
50) Acenaphthylene	14.392	152	1060962	20.757	ng/ul	99
51) 3-Nitroaniline	14.580	138	158299	21.768	ng/ul	97
52) Acenaphthene	14.733	153	724339	20.488	ng/ul	99
53) 2,4-Dinitrophenol	14.786	184	59877	16.741	ng/ul	92
55) 4-Nitrophenol	14.886	109	110430	25.833	ng/ul	84
56) Dibenzofuran	15.063	168	1004220	20.805	ng/ul	95
57) 2,4-Dinitrotoluene	15.033	165	230794	23.381	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.292	232	215979	23.187	ng/ul	99
59) Diethylphthalate	15.474	149	851253	22.771	ng/ul	98
61) Fluorene	15.710	166	839617	21.330	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.698	204	428180	22.258	ng/ul	95
63) 4-Nitroaniline	15.733	138	153536	23.285	ng/ul#	86
66) 4,6-Dinitro-2-methylph...	15.792	198	97830	17.518	ng/ul	97
67) N-Nitrosodiphenylamine	15.916	169	677620	20.820	ng/ul	100
68) 4-Bromophenyl-phenylether	16.592	248	248735	21.030	ng/ul	96
69) Hexachlorobenzene	16.710	284	296857	21.026	ng/ul	96
70) Atrazine	16.863	200	254300	22.864	ng/ul	94
71) Pentachlorophenol	17.057	266	162786	20.738	ng/ul	98
72) Phenanthrene	17.451	178	1196912	20.313	ng/ul	99
74) Anthracene	17.539	178	1241522	20.734	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.475	216	352496	20.208	ng/uL	100
76) Pentachlorobenzene	14.980	250	354319	20.506	ng/uL	99
77) Carbazole	17.810	167	1051473	20.268	ng/ul	99
78) Di-n-butylphthalate	18.357	149	1442549	23.393	ng/ul	99
80) Fluoranthene	19.451	202	1237565	22.880	ng/ul#	95
82) Pyrene	19.815	202	1259130	22.368	ng/ul#	94
83) Butylbenzylphthalate	20.698	149	539789	25.788	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.486	252	259725	17.203	ng/ul	97
85) Benzo(a)anthracene	21.556	228	1089372	21.209	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.462	149	832282	27.331	ng/ul	100
87) Chrysene	21.609	228	995725	20.661	ng/ul	99
89) Di-n-octyl phthalate	22.397	149	1257658	25.581	ng/ul	100
90) Benzo(b)fluoranthene	23.268	252	1016297	21.365	ng/ul	98
91) Benzo(k)fluoranthene	23.315	252	992397	21.527	ng/ul	99
93) Benzo(a)pyrene	23.909	252	874361	20.903	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.580	276	1135788	21.083	ng/ul	97
95) Dibenzo(a,h)anthracene	26.597	278	956371	21.058	ng/ul	97
96) Benzo(g,h,i)perylene	27.374	276	908203	21.115	ng/ul	96

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

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