Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101723\
Data File : BM042319.D
Acq On : 17 Oct 2023 13:08
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD020133

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/19/2023

Quant Time: Oct 18 01:49:17 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM101223.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 12 15:38:21 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.004	152	217512	20.000	ng/ul	0.00
20) Naphthalene-d8	10.827	136	984543	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.651	164	586079	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.403	188	1241815	20.000	ng/ul	0.00
79) Chrysene-d12	21.591	240	1209598	20.000	ng/ul	0.00
88) Perylene-d12	24.068	264	1216514	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	56754	8.153	ng/uL	0.00
4) Pyridine-d5	3.798	84	445023	21.585	ng/ul	0.00
7) Phenol-d5	7.151	99	504533	20.930	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.345	67	341588	20.972	ng/ul	0.00
11) 2-Chlorophenol-d4	7.522	132	351445	21.193	ng/ul	0.00
15) 4-Methylphenol-d8	8.710	113	388754	20.364	ng/ul	0.00
21) Nitrobenzene-d5	9.204	128	180959	21.642	ng/ul	0.00
24) 2-Nitrophenol-d4	9.916	143	193826	21.685	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.439	165	347288	21.291	ng/ul	0.00
31) 4-Chloroaniline-d4	10.986	131	537043	20.910	ng/ul	0.00
46) Dimethylphthalate-d6	14.068	166	1043809	20.545	ng/ul	0.00
49) Acenaphthylene-d8	14.351	160	1204259	21.658	ng/ul	0.00
54) 4-Nitrophenol-d4	14.868	143	209257	20.478	ng/ul	0.00
60) Fluorene-d10	15.645	176	872166	20.883	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.774	200	168247	19.341	ng/ul	0.00
73) Anthracene-d10	17.503	188	1350976	21.237	ng/ul	0.00
81) Pyrene-d10	19.797	212	1572438	21.329	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.903	264	1437706	21.531	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.404	88	61167	8.016	ng/uL	97
5) Pyridine	3.816	79	459500	21.528	ng/ul	98
6) Benzaldehyde	7.163	77	294845	23.927	ng/ul	98
8) Phenol	7.181	94	510792	20.982	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.439	93	428374	21.189	ng/ul	99
12) 2-Chlorophenol	7.557	128	365398	21.096	ng/ul	99
13) 2-Methylphenol	8.445	108	377289	20.765	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.516	45	730105m	21.182	ng/ul	
16) Acetophenone	8.851	105	628383	21.203	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.822	70	369344	21.056	ng/ul	98
18) 4-Methylphenol	8.781	108	412197	20.586	ng/ul	96
19) Hexachloroethane	9.075	117	154782	21.181	ng/ul	97
22) Nitrobenzene	9.245	77	516300	21.831	ng/ul	100
23) Isophorone	9.757	82	996009	21.720	ng/ul	100
25) 2-Nitrophenol	9.951	139	212747	21.750	ng/ul	99
26) 2,4-Dimethylphenol	9.986	107	442022	21.264	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.245	93	602714	21.020	ng/ul	99
29) 2,4-Dichlorophenol	10.469	162	340964	21.402	ng/ul	98
30) Naphthalene	10.880	128	1224758	21.222	ng/ul	100
32) 4-Chloroaniline	11.016	127	526570	21.212	ng/ul	98
33) Hexachlorobutadiene	11.104	225	193624	21.054	ng/ul	97
34) Caprolactam	11.833	113	122750m	21.102	ng/ul	
35) 4-Chloro-3-methylphenol	12.110	107	419566	21.381	ng/ul	100
36) 2-Methylnaphthalene	12.480	142	830976	21.035	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.698	142	851271	21.321	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.833	216	401466	21.755	ng/ul	98
40) Hexachlorocyclopentadiene	12.780	237	223331	18.699	ng/ul	99
41) 2,4,6-Trichlorophenol	13.086	196	265648	21.530	ng/ul	97
42) 2,4,5-Trichlorophenol	13.151	196	286835	21.654	ng/ul	99
43) 1,1'-Biphenyl	13.486	154	1073790	21.377	ng/ul	99
44) 2-Chloronaphthalene	13.539	162	825212	21.433	ng/ul	99
45) 2-Nitroaniline	13.768	65	315185	22.770	ng/ul	99
47) Dimethylphthalate	14.115	163	1041461	20.600	ng/ul	99
48) 2,6-Dinitrotoluene	14.257	165	200685	21.928	ng/ul	98
50) Acenaphthylene	14.380	152	1399768	21.798	ng/ul	99
51) 3-Nitroaniline	14.598	138	229816	21.303	ng/ul	99
52) Acenaphthene	14.715	153	920149	21.330	ng/ul	99
53) 2,4-Dinitrophenol	14.798	184	113145	18.265	ng/ul	99
55) 4-Nitrophenol	14.880	109	172120	20.764	ng/ul	99
56) Dibenzofuran	15.051	168	1222507	21.095	ng/ul	100
57) 2,4-Dinitrotoluene	15.039	165	300146	22.242	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.262	232	242603	21.823	ng/ul	96
59) Diethylphthalate	15.462	149	1081844	20.964	ng/ul	99
61) Fluorene	15.698	166	1021884	21.261	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.692	204	499655	21.529	ng/ul	97
63) 4-Nitroaniline	15.762	138	212047	21.978	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.786	198	182775	20.091	ng/ul	98
67) N-Nitrosodiphenylamine	15.915	169	846848	21.435	ng/ul	98
68) 4-Bromophenyl-phenylether	16.586	248	287549	21.529	ng/ul	98
69) Hexachlorobenzene	16.668	284	320932	21.133	ng/ul	99
70) Atrazine	16.862	200	294719	21.741	ng/ul	96
71) Pentachlorophenol	17.033	266	205421	19.963	ng/ul	97
72) Phenanthrene	17.445	178	1609907	21.134	ng/ul	100
74) Anthracene	17.539	178	1629394	21.266	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.445	216	404659	21.993	ng/uL	99
76) Pentachlorobenzene	14.945	250	394493	21.836	ng/uL	98
77) Carbazole	17.827	167	1482470	21.241	ng/ul	100
78) Di-n-butylphthalate	18.345	149	1920671	21.740	ng/ul	99
80) Fluoranthene	19.456	202	1869891	21.419	ng/ul	98
82) Pyrene	19.827	202	1985861	21.636	ng/ul	98
83) Butylbenzylphthalate	20.703	149	885521	22.634	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.515	252	534316	18.492	ng/ul	98
85) Benzo(a)anthracene	21.574	228	1969731	21.466	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.456	149	1323006	22.888	ng/ul#	98
87) Chrysene	21.633	228	1780185	21.096	ng/ul	100
89) Di-n-octyl phthalate	22.403	149	2270008	23.102	ng/ul	100
90) Benzo(b)fluoranthene	23.297	252	1835862	22.209	ng/ul	99
91) Benzo(k)fluoranthene	23.350	252	1762259	21.555	ng/ul	99
93) Benzo(a)pyrene	23.956	252	1669507	21.582	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.668	276	1885919	20.073	ng/ul	100
95) Dibenzo(a,h)anthracene	26.679	278	1570002	20.145	ng/ul	99
96) Benzo(g,h,i)perylene	27.473	276	1438608	19.575	ng/ul	99

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

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