Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091522\
Data File : BM036549.D
Acq On : 15 Sep 2022 17:14
Operator : CG/JU
Sample : SSTD01073
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD010020

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 09/16/2022
Supervised By :mohammad ahmed 09/19/2022

Quant Time: Sep 16 01:50:56 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 16 01:29:28 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.028	152	354102	20.000	ng/ul	0.00
20) Naphthalene-d8	10.839	136	1501820	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.651	164	944947	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.386	188	1930748	20.000	ng/ul	0.00
79) Chrysene-d12	21.550	240	1879115	20.000	ng/ul	0.00
88) Perylene-d12	23.997	264	1838302	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	38076	4.139	ng/uL	0.00
4) Pyridine-d5	3.816	84	230811	8.039	ng/ul	0.00
7) Phenol-d5	7.169	99	284870	9.138	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.351	67	186359	9.240	ng/ul	0.00
11) 2-Chlorophenol-d4	7.551	132	219804	9.157	ng/ul	0.00
15) 4-Methylphenol-d8	8.728	113	212348	8.617	ng/ul	0.00
21) Nitrobenzene-d5	9.186	128	93542	7.798	ng/ul	0.00
24) 2-Nitrophenol-d4	9.916	143	78424	6.436	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.451	165	197892	9.194	ng/ul	0.00
31) 4-Chloroaniline-d4	10.969	131	332407	9.429	ng/ul	0.00
46) Dimethylphthalate-d6	14.063	166	632374	9.991	ng/ul	0.00
49) Acenaphthylene-d8	14.345	160	747290	9.876	ng/ul	0.00
54) 4-Nitrophenol-d4	14.821	143	98717	8.083	ng/ul	0.00
60) Fluorene-d10	15.639	176	560564	9.559	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.745	200	46643	4.629	ng/ul	0.00
73) Anthracene-d10	17.486	188	877782	10.042	ng/ul	0.00
81) Pyrene-d10	19.762	212	960746	9.790	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.838	264	873154	9.451	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.428	88	39893	4.141	ng/uL	98
5) Pyridine	3.840	79	236002	8.271	ng/ul	97
6) Benzaldehyde	7.157	77	164466	11.322	ng/ul	96
8) Phenol	7.198	94	312232	9.430	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.445	93	253095	9.493	ng/ul	100
12) 2-Chlorophenol	7.581	128	237780	9.225	ng/ul	98
13) 2-Methylphenol	8.463	108	230769	9.024	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.563	45	310101	7.746	ng/ul	100
16) Acetophenone	8.851	105	390742	9.381	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.834	70	191670	9.379	ng/ul	99
18) 4-Methylphenol	8.792	108	249853	9.036	ng/ul	96
19) Hexachloroethane	9.116	117	98362	8.947	ng/ul	92
22) Nitrobenzene	9.233	77	256771	8.417	ng/ul	99
23) Isophorone	9.757	82	549654	10.098	ng/ul	100
25) 2-Nitrophenol	9.945	139	100925	7.384	ng/ul	98
26) 2,4-Dimethylphenol	10.004	107	269267	9.602	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.245	93	325309	10.178	ng/ul	99
29) 2,4-Dichlorophenol	10.480	162	211248	9.517	ng/ul	99
30) Naphthalene	10.892	128	813598	9.935	ng/ul	99
32) 4-Chloroaniline	10.992	127	342131	9.426	ng/ul	100
33) Hexachlorobutadiene	11.180	225	135910	9.558	ng/ul	98
34) Caprolactam	11.757	113	65309	9.165	ng/ul	98
35) 4-Chloro-3-methylphenol	12.104	107	234114	9.979	ng/ul	99
36) 2-Methylnaphthalene	12.492	142	532715	10.114	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.710	142	539870	10.216	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.851	216	261117	9.714	ng/ul	98
40) Hexachlorocyclopentadiene	12.839	237	122067	8.676	ng/ul	98
41) 2,4,6-Trichlorophenol	13.086	196	155297	8.811	ng/ul	98
42) 2,4,5-Trichlorophenol	13.151	196	163274	8.776	ng/ul	98
43) 1,1'-Biphenyl	13.492	154	694885	9.874	ng/ul	98
44) 2-Chloronaphthalene	13.533	162	545304	9.968	ng/ul	99
45) 2-Nitroaniline	13.727	65	116418	7.048	ng/ul	95
47) Dimethylphthalate	14.110	163	671702	10.078	ng/ul	99
48) 2,6-Dinitrotoluene	14.221	165	94872	7.287	ng/ul	98
50) Acenaphthylene	14.374	152	858640	9.992	ng/ul	99
51) 3-Nitroaniline	14.545	138	106870	7.324	ng/ul	99
52) Acenaphthene	14.715	153	600171	9.798	ng/ul	99
53) 2,4-Dinitrophenol	14.745	184	31030	4.793	ng/ul	97
55) 4-Nitrophenol	14.833	109	93710	8.645	ng/ul	98
56) Dibenzofuran	15.045	168	814150	9.760	ng/ul	98
57) 2,4-Dinitrotoluene	14.998	165	138564	7.093	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.268	232	138267	8.740	ng/ul	99
59) Diethylphthalate	15.468	149	673297	9.257	ng/ul	99
61) Fluorene	15.692	166	687712	9.702	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.692	204	331807	9.972	ng/ul	97
63) 4-Nitroaniline	15.698	138	100737m	7.062	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.757	198	55194	5.238	ng/ul#	99
67) N-Nitrosodiphenylamine	15.898	169	562617	10.168	ng/ul	99
68) 4-Bromophenyl-phenylether	16.580	248	188455	10.023	ng/ul	97
69) Hexachlorobenzene	16.692	284	224040	10.058	ng/ul	97
70) Atrazine	16.845	200	183351	8.946	ng/ul	98
71) Pentachlorophenol	17.027	266	112158	8.377	ng/ul	97
72) Phenanthrene	17.427	178	1054203	9.953	ng/ul	99
74) Anthracene	17.521	178	1076119	10.016	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.457	216	258993	10.316	ng/uL	99
76) Pentachlorobenzene	14.963	250	280913	10.141	ng/uL	98
77) Carbazole	17.786	167	961574	9.394	ng/ul	100
78) Di-n-butylphthalate	18.356	149	1173384	9.522	ng/ul	100
80) Fluoranthene	19.433	202	1183237	9.828	ng/ul	99
82) Pyrene	19.792	202	1259242	9.864	ng/ul	99
83) Butylbenzylphthalate	20.692	149	427860	7.838	ng/ul	92
84) 3,3'-Dichlorobenzidine	21.468	252	280391	6.986	ng/ul	98
85) Benzo(a)anthracene	21.539	228	1182168	9.837	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.474	149	656990	8.048	ng/ul	100
87) Chrysene	21.592	228	1133915	10.156	ng/ul	99
89) Di-n-octyl phthalate	22.421	149	1018787	6.752	ng/ul	100
90) Benzo(b)fluoranthene	23.250	252	1159799	9.143	ng/ul	99
91) Benzo(k)fluoranthene	23.297	252	1148022	9.556	ng/ul	99
93) Benzo(a)pyrene	23.885	252	1000772	9.570	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.538	276	1166175	11.049	ng/ul	99
95) Dibenzo(a,h)anthracene	26.562	278	1054616	10.984	ng/ul	99
96) Benzo(g,h,i)perylene	27.321	276	1032545	11.445	ng/ul	99

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

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