Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121022\
Data File : BM037958.D
Acq On : 11 Dec 2022 05:59
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD020073

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

Quant Time: Dec 11 21:32:56 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 09 21:34:57 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.075	152	229141	20.000	ng/ul	0.00
20) Naphthalene-d8	10.898	136	938149	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.704	164	525729	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.445	188	961663	20.000	ng/ul	0.00
79) Chrysene-d12	21.615	240	849789	20.000	ng/ul	0.00
88) Perylene-d12	24.097	264	911179	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.416	96	37800	7.490	ng/uL	0.00
4) Pyridine-d5	3.852	84	275997	18.436	ng/ul	0.00
7) Phenol-d5	7.228	99	342959	18.419	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.399	67	209610	18.487	ng/ul	0.00
11) 2-Chlorophenol-d4	7.604	132	295989	19.378	ng/ul	0.00
15) 4-Methylphenol-d8	8.787	113	268407	18.467	ng/ul	0.00
21) Nitrobenzene-d5	9.251	128	146019	19.658	ng/ul	0.00
24) 2-Nitrophenol-d4	9.975	143	156719	20.133	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.510	165	288931	19.542	ng/ul	-0.01
31) 4-Chloroaniline-d4	11.034	131	366475	17.957	ng/ul	0.00
46) Dimethylphthalate-d6	14.116	166	743663	19.841	ng/ul	0.00
49) Acenaphthylene-d8	14.404	160	893207	19.499	ng/ul	0.00
54) 4-Nitrophenol-d4	14.898	143	100517	15.736	ng/ul	0.00
60) Fluorene-d10	15.692	176	631649	18.916	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.810	200	80948	15.744	ng/ul	0.00
73) Anthracene-d10	17.545	188	875979	19.517	ng/ul	0.00
81) Pyrene-d10	19.827	212	935901	18.334	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.933	264	904009	19.863	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.458	88	37968	7.172	ng/uL	93
5) Pyridine	3.875	79	279412	18.572	ng/ul	97
6) Benzaldehyde	7.210	77	131019	18.813	ng/ul	96
8) Phenol	7.257	94	341782	18.302	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.493	93	281330	18.346	ng/ul	99
12) 2-Chlorophenol	7.634	128	300446	19.233	ng/ul	99
13) 2-Methylphenol	8.522	108	266821	18.670	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.610	45	506465m	18.290	ng/ul	
16) Acetophenone	8.910	105	431488	18.876	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.893	70	209364	19.442	ng/ul	99
18) 4-Methylphenol	8.851	108	284978	18.434	ng/ul	99
19) Hexachloroethane	9.163	117	119370	19.114	ng/ul	98
22) Nitrobenzene	9.293	77	317294	19.853	ng/ul	97
23) Isophorone	9.822	82	568103	19.398	ng/ul	98
25) 2-Nitrophenol	10.004	139	161712	19.816	ng/ul	92
26) 2,4-Dimethylphenol	10.063	107	311127	19.715	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.298	93	372596	19.138	ng/ul	100
29) 2,4-Dichlorophenol	10.540	162	279790	19.288	ng/ul	99
30) Naphthalene	10.945	128	985967	19.475	ng/ul	100
32) 4-Chloroaniline	11.057	127	360843	17.730	ng/ul	99
33) Hexachlorobutadiene	11.228	225	196181	20.558	ng/ul	97
34) Caprolactam	11.839	113	66043	17.749	ng/ul	96
35) 4-Chloro-3-methylphenol	12.169	107	249203	18.873	ng/ul	96
36) 2-Methylnaphthalene	12.545	142	627029	19.095	ng/ul	96

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.763	142	645777	19.233	ng/ul	99
39)	1,2,4,5-Tetrachloroben...	12.910	216	348946	20.314	ng/ul	99
40)	Hexachlorocyclopentadiene	12.886	237	121602	12.375	ng/ul	97
41)	2,4,6-Trichlorophenol	13.145	196	209437	20.016	ng/ul	98
42)	2,4,5-Trichlorophenol	13.216	196	212835	19.504	ng/ul	99
43)	1,1'-Biphenyl	13.545	154	829163	19.621	ng/ul	99
44)	2-Chloronaphthalene	13.586	162	644035	19.756	ng/ul	98
45)	2-Nitroaniline	13.792	65	152209	19.378	ng/ul	96
47)	Dimethylphthalate	14.163	163	736820	19.925	ng/ul	99
48)	2,6-Dinitrotoluene	14.286	165	139180	19.376	ng/ul	97
50)	Acenaphthylene	14.433	152	991379	19.682	ng/ul	100
51)	3-Nitroaniline	14.610	138	117837	16.443	ng/ul	99
52)	Acenaphthene	14.769	153	677670	19.451	ng/ul	99
53)	2,4-Dinitrophenol	14.816	184	44716	12.687	ng/ul	91
55)	4-Nitrophenol	14.910	109	77112	18.305	ng/ul	95
56)	Dibenzofuran	15.104	168	901961	18.962	ng/ul	100
57)	2,4-Dinitrotoluene	15.069	165	181370	18.645	ng/ul	99
58)	2,3,4,6-Tetrachlorophenol	15.327	232	175493	19.118	ng/ul	98
59)	Diethylphthalate	15.516	149	715329	19.418	ng/ul	99
61)	Fluorene	15.751	166	739344	19.060	ng/ul	99
62)	4-Chlorophenyl-phenyle...	15.739	204	371589	19.601	ng/ul	98
63)	4-Nitroaniline	15.769	138	107118	16.485	ng/ul	90
66)	4,6-Dinitro-2-methylph...	15.827	198	77451	15.560	ng/ul	98
67)	N-Nitrosodiphenylamine	15.951	169	573937	19.785	ng/ul	98
68)	4-Bromophenyl-phenylether	16.633	248	215709	20.463	ng/ul	97
69)	Hexachlorobenzene	16.751	284	257104	20.432	ng/ul	97
70)	Atrazine	16.898	200	184706	18.633	ng/ul	99
71)	Pentachlorophenol	17.092	266	126925	18.142	ng/ul	100
72)	Phenanthrene	17.486	178	1010798	19.247	ng/ul	99
74)	Anthracene	17.580	178	1041362	19.512	ng/ul	99
75)	1,2,3,4-Tetrachloroben...	13.510	216	331909	21.349	ng/uL	99
76)	Pentachlorobenzene	15.022	250	327356	21.256	ng/uL	98
77)	Carbazole	17.851	167	865491	18.718	ng/ul	99
78)	Di-n-butylphthalate	18.398	149	1069786	19.464	ng/ul	99
80)	Fluoranthene	19.492	202	1075167	17.847	ng/ul	99
82)	Pyrene	19.857	202	1147115	18.295	ng/ul	98
83)	Butylbenzylphthalate	20.739	149	409265	17.554	ng/ul	97
84)	3,3'-Dichlorobenzidine	21.527	252	321375	19.112	ng/ul	96
85)	Benzo(a)anthracene	21.598	228	1129863	19.749	ng/ul	99
86)	Bis(2-ethylhexyl)phtha...	21.503	149	631731	18.626	ng/ul	100
87)	Chrysene	21.656	228	1047199	19.509	ng/ul	99
89)	Di-n-octyl phthalate	22.456	149	1056174	18.090	ng/ul	100
90)	Benzo(b)fluoranthene	23.333	252	1113251	19.707	ng/ul	100
91)	Benzo(k)fluoranthene	23.386	252	1137786	20.783	ng/ul	99
93)	Benzo(a)pyrene	23.986	252	995026	20.031	ng/ul	98
94)	Indeno(1,2,3-cd)pyrene	26.691	276	1216624	19.017	ng/ul	99
95)	Dibenzo(a,h)anthracene	26.703	278	1025516	19.014	ng/ul	98
96)	Benzo(g,h,i)perylene	27.491	276	1007535	19.725	ng/ul	96

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

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