Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011023\
Data File : BM038423.D
Acq On : 10 Jan 2023 14:24
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD020091

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/11/2023
Supervised By :mohammad ahmed 01/12/2023

Quant Time: Jan 11 01:25:20 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM010423.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 05 02:11:50 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.992	152	68116	20.000	ng/ul	0.00
20) Naphthalene-d8	10.804	136	275987	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.627	164	179699	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.368	188	420779	20.000	ng/ul	0.00
79) Chrysene-d12	21.544	240	429968	20.000	ng/ul	0.00
88) Perylene-d12	23.974	264	477935	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.357	96	16655	7.929	ng/uL	0.00
4) Pyridine-d5	3.793	84	114984	18.922	ng/ul	0.00
7) Phenol-d5	7.151	99	117183	18.885	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.322	67	88631	19.855	ng/ul	0.00
11) 2-Chlorophenol-d4	7.516	132	85737	19.284	ng/ul	-0.01
15) 4-Methylphenol-d8	8.704	113	86423	18.043	ng/ul	-0.01
21) Nitrobenzene-d5	9.163	128	40186	18.559	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.886	143	46248	18.833	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.422	165	90419	19.067	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.945	131	114639	17.519	ng/ul	-0.01
46) Dimethylphthalate-d6	14.033	166	259590	19.075	ng/ul	-0.01
49) Acenaphthylene-d8	14.321	160	296004	18.664	ng/ul	0.00
54) 4-Nitrophenol-d4	14.827	143	40914	16.700	ng/ul	-0.01
60) Fluorene-d10	15.615	176	225710	18.237	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.739	200	52240	17.130	ng/ul	0.00
73) Anthracene-d10	17.468	188	368953	18.177	ng/ul	0.00
81) Pyrene-d10	19.750	212	441731	18.462	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.815	264	440013	18.537	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.399	88	17549	7.825	ng/uL	96
5) Pyridine	3.810	79	126201	19.660	ng/ul	97
6) Benzaldehyde	7.134	77	56879	22.296	ng/ul	98
8) Phenol	7.181	94	122755	18.751	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.410	93	103026	19.655	ng/ul	97
12) 2-Chlorophenol	7.551	128	89196	19.426	ng/ul	94
13) 2-Methylphenol	8.439	108	85182	18.218	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.528	45	163416m	19.656	ng/ul	
16) Acetophenone	8.822	105	152983	18.049	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.804	70	91901	20.127	ng/ul	94
18) 4-Methylphenol	8.769	108	93096	18.300	ng/ul	95
19) Hexachloroethane	9.069	117	44043	20.598	ng/ul	97
22) Nitrobenzene	9.204	77	134364	18.814	ng/ul	99
23) Isophorone	9.733	82	239731	19.580	ng/ul	98
25) 2-Nitrophenol	9.916	139	49467	19.339	ng/ul	96
26) 2,4-Dimethylphenol	9.975	107	114654	19.174	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.210	93	134882	19.254	ng/ul	100
29) 2,4-Dichlorophenol	10.451	162	87397	18.953	ng/ul	99
30) Naphthalene	10.857	128	269037	18.276	ng/ul	98
32) 4-Chloroaniline	10.975	127	116685	17.499	ng/ul	97
33) Hexachlorobutadiene	11.128	225	67321	19.609	ng/ul	95
34) Caprolactam	11.751	113	23018m	17.488	ng/ul	
35) 4-Chloro-3-methylphenol	12.086	107	94535	19.267	ng/ul	100
36) 2-Methylnaphthalene	12.457	142	180682	18.829	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.674	142	184844	18.619	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.822	216	122454	19.274	ng/ul	98
40) Hexachlorocyclopentadiene	12.792	237	77703	17.316	ng/ul	99
41) 2,4,6-Trichlorophenol	13.063	196	78163	19.821	ng/ul	99
42) 2,4,5-Trichlorophenol	13.133	196	82276	19.468	ng/ul	99
43) 1,1'-Biphenyl	13.463	154	253639	18.673	ng/ul	99
44) 2-Chloronaphthalene	13.504	162	207099	18.672	ng/ul	97
45) 2-Nitroaniline	13.716	65	72339	19.498	ng/ul	96
47) Dimethylphthalate	14.080	163	262278	18.992	ng/ul	100
48) 2,6-Dinitrotoluene	14.210	165	49472	18.814	ng/ul	97
50) Acenaphthylene	14.351	152	306732	18.231	ng/ul	100
51) 3-Nitroaniline	14.539	138	39942	16.496	ng/ul	99
52) Acenaphthene	14.686	153	218625	18.363	ng/ul	98
53) 2,4-Dinitrophenol	14.751	184	32708	16.637	ng/ul	95
55) 4-Nitrophenol	14.845	109	46860	18.273	ng/ul	93
56) Dibenzofuran	15.021	168	309896	18.315	ng/ul	96
57) 2,4-Dinitrotoluene	14.992	165	72067	18.733	ng/ul#	90
58) 2,3,4,6-Tetrachlorophenol	15.251	232	72917	19.316	ng/ul	98
59) Diethylphthalate	15.439	149	269573	18.833	ng/ul	99
61) Fluorene	15.668	166	263466	18.136	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.663	204	142718	18.666	ng/ul	98
63) 4-Nitroaniline	15.698	138	39352m	16.984	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.757	198	48974	16.759	ng/ul	100
67) N-Nitrosodiphenylamine	15.874	169	215210	17.937	ng/ul	98
68) 4-Bromophenyl-phenylether	16.557	248	84065	18.859	ng/ul	96
69) Hexachlorobenzene	16.668	284	94946	18.466	ng/ul	98
70) Atrazine	16.827	200	88451	17.835	ng/ul	97
71) Pentachlorophenol	17.015	266	56284	16.587	ng/ul	95
72) Phenanthrene	17.409	178	411126	17.907	ng/ul	99
74) Anthracene	17.504	178	418041	17.707	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.427	216	116859	18.401	ng/uL	97
76) Pentachlorobenzene	14.939	250	113044	18.473	ng/uL	98
77) Carbazole	17.774	167	360480	16.653	ng/ul	99
78) Di-n-butylphthalate	18.321	149	483165	18.682	ng/ul	100
80) Fluoranthene	19.421	202	505677	18.688	ng/ul	97
82) Pyrene	19.786	202	539981	18.311	ng/ul	97
83) Butylbenzylphthalate	20.668	149	214516	18.968	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.456	252	167269	18.655	ng/ul	99
85) Benzo(a)anthracene	21.527	228	560608	18.321	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.439	149	345836	19.810	ng/ul	99
87) Chrysene	21.580	228	535513	18.217	ng/ul	100
89) Di-n-octyl phthalate	22.368	149	597581	17.478	ng/ul	100
90) Benzo(b)fluoranthene	23.227	252	557427	18.435	ng/ul	99
91) Benzo(k)fluoranthene	23.280	252	555792	18.304	ng/ul	98
93) Benzo(a)pyrene	23.868	252	499123	18.238	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.509	276	634957	18.256	ng/ul	98
95) Dibenzo(a,h)anthracene	26.521	278	530000	18.260	ng/ul	99
96) Benzo(g,h,i)perylene	27.285	276	508082	17.841	ng/ul	98

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

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