Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010423\
Data File : BM038365.D
Acq On : 04 Jan 2023 11:49
Operator : CG/JU
Sample : SSTD02017
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD020021

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/05/2023
Supervised By :mohammad ahmed 01/05/2023

Quant Time: Jan 05 01:33:33 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM010423.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 05 01:28:53 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.998	152	60173	20.000	ng/ul	0.00
20) Naphthalene-d8	10.816	136	232745	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.633	164	148994	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.374	188	351375	20.000	ng/ul	0.00
79) Chrysene-d12	21.545	240	380627	20.000	ng/ul	0.00
88) Perylene-d12	23.974	264	435346	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.363	96	14890	9.260	ng/uL	0.00
4) Pyridine-d5	3.799	84	104030	24.018	ng/ul	0.00
7) Phenol-d5	7.163	99	104593	21.134	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.328	67	77281	23.376	ng/ul	0.00
11) 2-Chlorophenol-d4	7.528	132	77597	20.875	ng/ul	0.00
15) 4-Methylphenol-d8	8.716	113	77882	20.132	ng/ul	0.00
21) Nitrobenzene-d5	9.175	128	34865	19.754	ng/ul	0.00
24) 2-Nitrophenol-d4	9.898	143	39767	19.467	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.434	165	78682	19.457	ng/ul	0.00
31) 4-Chloroaniline-d4	10.957	131	101030	19.228	ng/ul	0.00
46) Dimethylphthalate-d6	14.045	166	221038	19.789	ng/ul	0.00
49) Acenaphthylene-d8	14.327	160	257856	19.855	ng/ul	0.00
54) 4-Nitrophenol-d4	14.839	143	36585	18.547	ng/ul	0.00
60) Fluorene-d10	15.621	176	198827	20.126	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.745	200	43678	17.371	ng/ul	0.00
73) Anthracene-d10	17.474	188	325128	19.792	ng/ul	0.00
81) Pyrene-d10	19.756	212	404901	19.737	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.821	264	414571	19.236	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.399	88	16450	9.863	ng/uL	100
5) Pyridine	3.816	79	108844	23.959	ng/ul	100
6) Benzaldehyde	7.146	77	47071	24.580	ng/ul	100
8) Phenol	7.193	94	109687	21.334	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.422	93	88745	21.117	ng/ul	100
12) 2-Chlorophenol	7.563	128	79180	20.870	ng/ul	100
13) 2-Methylphenol	8.451	108	76206	20.332	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.534	45	137108	23.852	ng/ul	100
16) Acetophenone	8.834	105	134440	20.162	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.816	70	78742	22.839	ng/ul	100
18) 4-Methylphenol	8.781	108	81611	19.955	ng/ul	100
19) Hexachloroethane	9.081	117	36571	20.065	ng/ul	100
22) Nitrobenzene	9.216	77	114232	22.172	ng/ul	100
23) Isophorone	9.739	82	202172	22.049	ng/ul	100
25) 2-Nitrophenol	9.928	139	42396	19.894	ng/ul	100
26) 2,4-Dimethylphenol	9.986	107	98484	21.246	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.222	93	115716	20.968	ng/ul	100
29) 2,4-Dichlorophenol	10.463	162	76038	19.880	ng/ul	100
30) Naphthalene	10.869	128	240010	19.968	ng/ul	100
32) 4-Chloroaniline	10.981	127	102266	18.970	ng/ul	100
33) Hexachlorobutadiene	11.139	225	55214	17.560	ng/ul	100
34) Caprolactam	11.775	113	20131m	18.640	ng/ul	
35) 4-Chloro-3-methylphenol	12.098	107	80777	20.770	ng/ul	100
36) 2-Methylnaphthalene	12.469	142	155770	19.325	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.686	142	162410	19.705	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.833	216	101854	18.622	ng/ul	100
40) Hexachlorocyclopentadiene	12.804	237	62897	16.323	ng/ul	100
41) 2,4,6-Trichlorophenol	13.075	196	64877	19.200	ng/ul	100
42) 2,4,5-Trichlorophenol	13.145	196	67164	18.936	ng/ul	100
43) 1,1'-Biphenyl	13.469	154	218643	19.680	ng/ul	100
44) 2-Chloronaphthalene	13.516	162	177996	19.679	ng/ul	100
45) 2-Nitroaniline	13.727	65	61056	23.266	ng/ul	100
47) Dimethylphthalate	14.092	163	222697	19.829	ng/ul	100
48) 2,6-Dinitrotoluene	14.216	165	42126	19.447	ng/ul	100
50) Acenaphthylene	14.357	152	273609	20.409	ng/ul	100
51) 3-Nitroaniline	14.545	138	36267	18.743	ng/ul	100
52) Acenaphthene	14.698	153	189784	20.012	ng/ul	100
53) 2,4-Dinitrophenol	14.757	184	27284	16.875	ng/ul	100
55) 4-Nitrophenol	14.851	109	38538	20.122	ng/ul	100
56) Dibenzofuran	15.027	168	273847	20.362	ng/ul	100
57) 2,4-Dinitrotoluene	15.004	165	63238	20.284	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.257	232	61708	18.994	ng/ul	100
59) Diethylphthalate	15.445	149	233224	20.422	ng/ul	100
61) Fluorene	15.680	166	230679	20.297	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.668	204	121349	19.624	ng/ul	100
63) 4-Nitroaniline	15.704	138	36451	20.578	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.763	198	42233	17.476	ng/ul	100
67) N-Nitrosodiphenylamine	15.886	169	190498	19.830	ng/ul	100
68) 4-Bromophenyl-phenylether	16.563	248	71623	18.273	ng/ul	100
69) Hexachlorobenzene	16.674	284	81084	17.526	ng/ul	100
70) Atrazine	16.833	200	75143	18.277	ng/ul	100
71) Pentachlorophenol	17.021	266	48390	16.940	ng/ul	100
72) Phenanthrene	17.415	178	364598	19.607	ng/ul	100
74) Anthracene	17.510	178	377442	19.905	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.439	216	100128	17.948	ng/uL	100
76) Pentachlorobenzene	14.951	250	95447	17.752	ng/uL	100
77) Carbazole	17.780	167	324232	18.962	ng/ul	100
78) Di-n-butylphthalate	18.327	149	420733	20.527	ng/ul	100
80) Fluoranthene	19.427	202	454339	19.380	ng/ul	100
82) Pyrene	19.786	202	494717	19.654	ng/ul	100
83) Butylbenzylphthalate	20.674	149	195520	20.351	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.462	252	153656	19.059	ng/ul	100
85) Benzo(a)anthracene	21.527	228	518625	19.944	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.439	149	303781	20.515	ng/ul	100
87) Chrysene	21.580	228	501718	20.026	ng/ul	100
89) Di-n-octyl phthalate	22.368	149	555305	19.462	ng/ul	100
90) Benzo(b)fluoranthene	23.233	252	535382	19.635	ng/ul	100
91) Benzo(k)fluoranthene	23.280	252	532644	19.589	ng/ul	100
93) Benzo(a)pyrene	23.868	252	478688	19.806	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.515	276	600384	19.478	ng/ul	100
95) Dibenzo(a,h)anthracene	26.527	278	500337	19.624	ng/ul	100
96) Benzo(g,h,i)perylene	27.297	276	498717	19.865	ng/ul	100

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

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