Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020623\
Data File : BN023951.D
Acq On : 06 Feb 2023 14:07
Operator : CG/JU
Sample : SSTD08069
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD080235

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 02/07/2023
Supervised By :mohammad ahmed 02/07/2023

Quant Time: Feb 06 14:36:21 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020623.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 06 14:18:24 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.840	152	154728	20.000	ng/ul	0.00
20) Naphthalene-d8	10.652	136	583029	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.498	164	323285	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.245	188	648303	20.000	ng/ul	0.00
79) Chrysene-d12	21.445	240	574873	20.000	ng/ul	0.00
88) Perylene-d12	23.839	264	641398	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.228	96	120857	31.484	ng/uL	0.00
4) Pyridine-d5	3.652	84	859368	82.228	ng/ul	0.00
7) Phenol-d5	7.016	99	1020951	77.564	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.181	67	635172	74.477	ng/ul	0.00
11) 2-Chlorophenol-d4	7.375	132	836401	81.634	ng/ul	0.00
15) 4-Methylphenol-d8	8.575	113	768998	73.041	ng/ul	0.01
21) Nitrobenzene-d5	9.016	128	394090	85.924	ng/ul	0.00
24) 2-Nitrophenol-d4	9.740	143	447640	87.193	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.281	165	797780	82.407	ng/ul	0.01
31) 4-Chloroaniline-d4	10.799	131	974821	71.485	ng/ul	0.00
46) Dimethylphthalate-d6	13.916	166	1970775	78.597	ng/ul	0.00
49) Acenaphthylene-d8	14.192	160	2269810	82.514	ng/ul	0.00
54) 4-Nitrophenol-d4	14.716	143	337268	77.852	ng/ul	0.01
60) Fluorene-d10	15.492	176	1626964	76.694	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.622	200	380377	89.358	ng/ul	0.00
73) Anthracene-d10	17.351	188	2407746	81.920	ng/ul	0.01
81) Pyrene-d10	19.645	212	2710129	77.839	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.686	264	2628200	80.116	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.264	88	125123	30.656	ng/uL#	91
5) Pyridine	3.670	79	848821	79.900	ng/ul	98
6) Benzaldehyde	6.981	77	429191	68.764	ng/ul	97
8) Phenol	7.046	94	1033140	77.407	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.275	93	839428	76.298	ng/ul	100
12) 2-Chlorophenol	7.410	128	853465	82.002	ng/ul	97
13) 2-Methylphenol	8.299	108	770119	76.651	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.381	45	1017423	72.837	ng/ul	99
16) Acetophenone	8.681	105	1184687	70.692	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.681	70	620638	69.875	ng/ul	97
18) 4-Methylphenol	8.640	108	804006	72.920	ng/ul	95
19) Hexachloroethane	8.922	117	361875	83.528	ng/ul	91
22) Nitrobenzene	9.063	77	957407	81.353	ng/ul	97
23) Isophorone	9.593	82	1672114	76.224	ng/ul	100
25) 2-Nitrophenol	9.769	139	461988	85.701	ng/ul	96
26) 2,4-Dimethylphenol	9.834	107	861852	78.897	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.075	93	1039981	76.345	ng/ul	99
29) 2,4-Dichlorophenol	10.304	162	769361	81.833	ng/ul	99
30) Naphthalene	10.704	128	2446841	77.838	ng/ul	99
32) 4-Chloroaniline	10.822	127	989349	72.855	ng/ul	100
33) Hexachlorobutadiene	10.981	225	557826	82.976	ng/ul	96
34) Caprolactam	11.634	113	190172m	68.315	ng/ul	
35) 4-Chloro-3-methylphenol	11.957	107	750504	74.604	ng/ul	99
36) 2-Methylnaphthalene	12.316	142	1599988	75.071	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.540	142	1610898	74.113	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.687	216	970080	87.191	ng/ul	99
40) Hexachlorocyclopentadiene	12.663	237	723247	96.003	ng/ul	98
41) 2,4,6-Trichlorophenol	12.934	196	616827	87.410	ng/ul	93
42) 2,4,5-Trichlorophenol	13.004	196	660549	86.177	ng/ul	97
43) 1,1'-Biphenyl	13.334	154	2097974	81.890	ng/ul	99
44) 2-Chloronaphthalene	13.375	162	1654232	83.367	ng/ul	100
45) 2-Nitroaniline	13.593	65	484743	86.189	ng/ul	96
47) Dimethylphthalate	13.963	163	1947552	77.822	ng/ul	99
48) 2,6-Dinitrotoluene	14.092	165	412259	86.018	ng/ul	99
50) Acenaphthylene	14.222	152	2382251	81.049	ng/ul	98
51) 3-Nitroaniline	14.416	138	342276	79.148	ng/ul	97
52) Acenaphthene	14.563	153	1635255	79.296	ng/ul	98
53) 2,4-Dinitrophenol	14.622	184	275839	89.992	ng/ul	98
55) 4-Nitrophenol	14.734	109	296675	76.365	ng/ul	96
56) Dibenzofuran	14.898	168	2260504	77.043	ng/ul	98
57) 2,4-Dinitrotoluene	14.875	165	550513	81.927	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.128	232	535800	78.934	ng/ul	99
59) Diethylphthalate	15.328	149	1901426	77.816	ng/ul	100
61) Fluorene	15.551	166	1809650	74.835	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.545	204	953867	75.009	ng/ul	97
63) 4-Nitroaniline	15.587	138	297832m	80.432	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.639	198	363260	86.637	ng/ul#	96
67) N-Nitrosodiphenylamine	15.763	169	1526561	82.146	ng/ul	97
68) 4-Bromophenyl-phenylether	16.439	248	626197	83.064	ng/ul	93
69) Hexachlorobenzene	16.551	284	668422	76.300	ng/ul	98
70) Atrazine	16.722	200	580088	79.471	ng/ul	98
71) Pentachlorophenol	16.898	266	459399	86.533	ng/ul	91
72) Phenanthrene	17.292	178	2777088	80.591	ng/ul	97
74) Anthracene	17.381	178	2727935	78.687	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.293	216	928245	91.922	ng/uL	98
76) Pentachlorobenzene	14.816	250	850254	82.996	ng/uL	95
77) Carbazole	17.657	167	2333788	77.551	ng/ul	99
78) Di-n-butylphthalate	18.216	149	3168020	60.607	ng/ul	98
80) Fluoranthene	19.310	202	3232874	78.086	ng/ul	99
82) Pyrene	19.675	202	3231757	76.351	ng/ul	99
83) Butylbenzylphthalate	20.575	149	1383645	85.328	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.369	252	1093238	79.799	ng/ul	91
85) Benzo(a)anthracene	21.427	228	3136667	78.433	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.351	149	2104431	88.045	ng/ul	99
87) Chrysene	21.480	228	2962008	80.438	ng/ul	98
89) Di-n-octyl phthalate	22.280	149	3535944	79.881	ng/ul	100
90) Benzo(b)fluoranthene	23.116	252	3341275	78.838	ng/ul	98
91) Benzo(k)fluoranthene	23.163	252	3105021	76.429	ng/ul	95
93) Benzo(a)pyrene	23.739	252	2959064	83.123	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.327	276	3891936	85.124	ng/ul	96
95) Dibenzo(a,h)anthracene	26.351	278	3170658	83.168	ng/ul	99
96) Benzo(g,h,i)perylene	27.109	276	3247372m	88.568	ng/ul	

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

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