Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111522\
Data File : BN022653.D
Acq On : 15 Nov 2022 17:36
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 15 23:16:44 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN111522.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 15 22:53:43 2022
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTD020354

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/16/2022
Supervised By :mohammad ahmed 11/16/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.875	152	74978	20.000	ng/ul	0.00
20) Naphthalene-d8	10.705	136	340439	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.557	164	226247	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.322	188	472386	20.000	ng/ul	0.00
79) Chrysene-d12	21.533	240	465682	20.000	ng/ul	0.00
88) Perylene-d12	23.963	264	494527	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.187	96	18078	8.232	ng/uL	0.00
4) Pyridine-d5	3.628	84	120504	19.403	ng/ul	0.00
7) Phenol-d5	7.052	99	134421	18.982	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.205	67	83811	19.739	ng/ul	0.00
11) 2-Chlorophenol-d4	7.405	132	102460	19.757	ng/ul	0.00
15) 4-Methylphenol-d8	8.611	113	107894	19.299	ng/ul	0.00
21) Nitrobenzene-d5	9.058	128	51691	19.616	ng/ul	0.00
24) 2-Nitrophenol-d4	9.787	143	57486	19.551	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.334	165	99536	19.857	ng/ul	0.00
31) 4-Chloroaniline-d4	10.852	131	154124	20.186	ng/ul	0.00
46) Dimethylphthalate-d6	13.975	166	317874	19.316	ng/ul	0.00
49) Acenaphthylene-d8	14.251	160	355498	19.606	ng/ul	0.00
54) 4-Nitrophenol-d4	14.793	143	62884	19.168	ng/ul	0.00
60) Fluorene-d10	15.557	176	265281	19.655	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.693	200	54664	18.206	ng/ul	0.00
73) Anthracene-d10	17.422	188	409602	19.802	ng/ul	0.00
81) Pyrene-d10	19.728	212	470198	19.483	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.810	264	504984	20.314	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.228	88	18537	7.932	ng/uL#	90
5) Pyridine	3.646	79	122614	19.912	ng/ul	98
6) Benzaldehyde	7.011	77	76842	21.448	ng/ul	97
8) Phenol	7.075	94	143214	19.418	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.299	93	112515	19.578	ng/ul	99
12) 2-Chlorophenol	7.434	128	109623	19.796	ng/ul	96
13) 2-Methylphenol	8.340	108	106532	19.405	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.411	45	151127	19.921	ng/ul	99
16) Acetophenone	8.716	105	180209	20.196	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.699	70	95402	20.061	ng/ul	99
18) 4-Methylphenol	8.675	108	118935	19.952	ng/ul	99
19) Hexachloroethane	8.958	117	46387	19.785	ng/ul	97
22) Nitrobenzene	9.099	77	142523	19.963	ng/ul	99
23) Isophorone	9.628	82	267730	19.605	ng/ul	100
25) 2-Nitrophenol	9.816	139	64011	19.802	ng/ul	99
26) 2,4-Dimethylphenol	9.881	107	139735	20.152	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.116	93	154629	19.635	ng/ul	99
29) 2,4-Dichlorophenol	10.358	162	102262	20.072	ng/ul	99
30) Naphthalene	10.752	128	363400	20.111	ng/ul	99
32) 4-Chloroaniline	10.875	127	160659	20.148	ng/ul	98
33) Hexachlorobutadiene	11.028	225	61954	19.756	ng/ul	96
34) Caprolactam	11.669	113	37001m	19.144	ng/ul	
35) 4-Chloro-3-methylphenol	12.016	107	134312	20.214	ng/ul	98
36) 2-Methylnaphthalene	12.375	142	247368	20.095	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.593	142	250226	20.278	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.746	216	116036	19.108	ng/ul	96
40) Hexachlorocyclopentadiene	12.710	237	59763	16.856	ng/ul	96
41) 2,4,6-Trichlorophenol	12.993	196	81753	18.961	ng/ul	98
42) 2,4,5-Trichlorophenol	13.075	196	90000	19.711	ng/ul	94
43) 1,1'-Biphenyl	13.393	154	318738	19.193	ng/ul	97
44) 2-Chloronaphthalene	13.434	162	253251	19.570	ng/ul	96
45) 2-Nitroaniline	13.651	65	91985	19.573	ng/ul	99
47) Dimethylphthalate	14.022	163	331498	19.166	ng/ul	100
48) 2,6-Dinitrotoluene	14.151	165	67578	19.301	ng/ul	99
50) Acenaphthylene	14.281	152	394448	19.473	ng/ul	99
51) 3-Nitroaniline	14.481	138	71461	18.956	ng/ul	97
52) Acenaphthene	14.622	153	278690	19.392	ng/ul	98
53) 2,4-Dinitrophenol	14.693	184	41703	17.043	ng/ul	99
55) 4-Nitrophenol	14.810	109	63698	19.588	ng/ul	96
56) Dibenzofuran	14.963	168	373144	19.650	ng/ul	100
57) 2,4-Dinitrotoluene	14.940	165	102034	20.012	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.193	232	77270	19.760	ng/ul	99
59) Diethylphthalate	15.387	149	358050	19.531	ng/ul	99
61) Fluorene	15.616	166	314006	19.801	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.610	204	147105	19.680	ng/ul	98
63) 4-Nitroaniline	15.651	138	68301	20.316	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.704	198	59136	19.054	ng/ul	99
67) N-Nitrosodiphenylamine	15.828	169	275693	19.493	ng/ul	98
68) 4-Bromophenyl-phenylether	16.504	248	87481	18.806	ng/ul	98
69) Hexachlorobenzene	16.616	284	104628	19.241	ng/ul	98
70) Atrazine	16.787	200	97577	19.355	ng/ul	97
71) Pentachlorophenol	16.975	266	63268	18.312	ng/ul	99
72) Phenanthrene	17.363	178	495698	19.469	ng/ul	99
74) Anthracene	17.457	178	513016	19.892	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.357	216	116188	18.651	ng/uL	93
76) Pentachlorobenzene	14.875	250	132176	19.660	ng/uL	96
77) Carbazole	17.734	167	474372	19.796	ng/ul	100
78) Di-n-butylphthalate	18.292	149	618905	18.148	ng/ul	100
80) Fluoranthene	19.392	202	580859	19.285	ng/ul	99
82) Pyrene	19.757	202	602550	19.529	ng/ul	98
83) Butylbenzylphthalate	20.663	149	290886	18.521	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.451	252	218923	21.306	ng/ul	99
85) Benzo(a)anthracene	21.516	228	602460	19.591	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.439	149	424434	18.310	ng/ul	99
87) Chrysene	21.569	228	562411	19.312	ng/ul	99
89) Di-n-octyl phthalate	22.369	149	745296	17.136	ng/ul	100
90) Benzo(b)fluoranthene	23.216	252	625948	18.677	ng/ul	97
91) Benzo(k)fluoranthene	23.269	252	623141	19.588	ng/ul	97
93) Benzo(a)pyrene	23.857	252	548547	19.310	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.521	276	684315m	21.182	ng/ul	
95) Dibenzo(a,h)anthracene	26.539	278	600791	20.748	ng/ul	97
96) Benzo(g,h,i)perylene	27.304	276	599892	21.296	ng/ul	97

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

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