Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN043022\
Data File : BN019593.D
Acq On : 29 Apr 2022 17:00
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 30 03:05:21 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN042722.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 27 13:41:44 2022
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTD020304

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay

05/02/2022
Supervised By :Yogesh Patel

05/05/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.875	152	164147	20.000	ng/ul	0.00
20) Naphthalene-d8	10.663	136	667987	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.492	164	383918	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.233	188	760978	20.000	ng/ul	0.00
79) Chrysene-d12	21.416	240	707528	20.000	ng/ul	0.00
88) Perylene-d12	23.768	264	716429	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	37057	8.519	ng/uL	0.00
4) Pyridine-d5	3.746	84	225904	20.510	ng/ul	0.00
7) Phenol-d5	7.034	99	302798	21.287	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.205	67	178822	21.673	ng/ul	0.00
11) 2-Chlorophenol-d4	7.405	132	246673	21.862	ng/ul	0.00
15) 4-Methylphenol-d8	8.575	113	235279	21.591	ng/ul	0.00
21) Nitrobenzene-d5	9.022	128	114410	23.491	ng/ul	0.00
24) 2-Nitrophenol-d4	9.746	143	117554	24.492	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.281	165	221525	23.057	ng/ul	0.00
31) 4-Chloroaniline-d4	10.793	131	332817	22.819	ng/ul	0.00
46) Dimethylphthalate-d6	13.904	166	599087	22.719	ng/ul	0.00
49) Acenaphthylene-d8	14.187	160	811129	22.750	ng/ul	0.00
54) 4-Nitrophenol-d4	14.675	143	117596	22.930	ng/ul	0.00
60) Fluorene-d10	15.481	176	530762	22.801	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.592	200	75498	19.434	ng/ul	0.00
73) Anthracene-d10	17.328	188	798334	22.277	ng/ul	0.00
81) Pyrene-d10	19.622	212	858496	21.105	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.621	264	805772	22.002	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.375	88	35368	7.973	ng/uL	96
5) Pyridine	3.764	79	242929	20.930	ng/ul	94
6) Benzaldehyde	7.010	77	168907	23.168	ng/ul	92
8) Phenol	7.058	94	309755	21.640	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.293	93	236628	21.305	ng/ul	98
12) 2-Chlorophenol	7.434	128	252205	22.010	ng/ul	98
13) 2-Methylphenol	8.310	108	224647	21.196	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.405	45	362187	22.691	ng/ul	97
16) Acetophenone	8.687	105	366435	22.408	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.675	70	175564	23.068	ng/ul	95
18) 4-Methylphenol	8.634	108	246291	21.704	ng/ul	94
19) Hexachloroethane	8.957	117	104812	22.564	ng/ul	92
22) Nitrobenzene	9.063	77	262615	22.870	ng/ul	96
23) Isophorone	9.593	82	473964	23.143	ng/ul	99
25) 2-Nitrophenol	9.775	139	130240	24.030	ng/ul	97
26) 2,4-Dimethylphenol	9.840	107	271395	22.478	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.075	93	299751	22.258	ng/ul	98
29) 2,4-Dichlorophenol	10.310	162	218866	22.721	ng/ul	99
30) Naphthalene	10.716	128	777797	21.742	ng/ul	99
32) 4-Chloroaniline	10.816	127	337685	23.035	ng/ul	100
33) Hexachlorobutadiene	11.010	225	129285	22.371	ng/ul	96
34) Caprolactam	11.569	113	62729m	23.026	ng/ul	
35) 4-Chloro-3-methylphenol	11.940	107	239027	23.444	ng/ul	99
36) 2-Methylnaphthalene	12.322	142	507965	22.062	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.540	142	514389	22.316	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.693	216	232991	21.872	ng/ul	97
40) Hexachlorocyclopentadiene	12.681	237	126195	19.253	ng/ul#	96
41) 2,4,6-Trichlorophenol	12.928	196	154080	23.186	ng/ul	99
42) 2,4,5-Trichlorophenol	12.992	196	170756	23.666	ng/ul	99
43) 1,1'-Biphenyl	13.334	154	663670	21.864	ng/ul	99
44) 2-Chloronaphthalene	13.369	162	505136	21.781	ng/ul	95
45) 2-Nitroaniline	13.563	65	142483	25.603	ng/ul	96
47) Dimethylphthalate	13.951	163	590940	22.567	ng/ul	98
48) 2,6-Dinitrotoluene	14.063	165	116176	25.718	ng/ul	98
50) Acenaphthylene	14.216	152	832818	22.736	ng/ul	99
51) 3-Nitroaniline	14.387	138	93881	20.275	ng/ul	98
52) Acenaphthene	14.557	153	534284	22.287	ng/ul	99
53) 2,4-Dinitrophenol	14.592	184	49229	19.646	ng/ul	97
55) 4-Nitrophenol	14.687	109	96485	23.677	ng/ul	95
56) Dibenzofuran	14.892	168	758827	22.660	ng/ul	99
57) 2,4-Dinitrotoluene	14.845	165	167738	25.535	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.116	232	130769	24.848	ng/ul	92
59) Diethylphthalate	15.316	149	604324	23.463	ng/ul	98
61) Fluorene	15.539	166	586684	22.568	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.534	204	271678	23.114	ng/ul	94
63) 4-Nitroaniline	15.545	138	71947	18.130	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.610	198	76387	19.332	ng/ul#	97
67) N-Nitrosodiphenylamine	15.745	169	508012	21.757	ng/ul	99
68) 4-Bromophenyl-phenylether	16.428	248	151067	21.131	ng/ul#	91
69) Hexachlorobenzene	16.545	284	173803	21.614	ng/ul#	92
70) Atrazine	16.692	200	165184	22.177	ng/ul	94
71) Pentachlorophenol	16.881	266	108636	22.262	ng/ul	96
72) Phenanthrene	17.275	178	914132	21.495	ng/ul	99
74) Anthracene	17.363	178	935474	22.021	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.298	216	241209	20.562	ng/uL	95
76) Pentachlorobenzene	14.816	250	214857	21.025	ng/uL	96
77) Carbazole	17.628	167	853911	22.111	ng/ul	98
78) Di-n-butylphthalate	18.210	149	1003675	24.295	ng/ul	99
80) Fluoranthene	19.286	202	1030832	21.498	ng/ul	97
82) Pyrene	19.651	202	1069091	21.405	ng/ul#	94
83) Butylbenzylphthalate	20.557	149	448343	24.267	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.333	252	267988	18.860	ng/ul#	97
85) Benzo(a)anthracene	21.398	228	989133	21.828	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.345	149	696058	24.554	ng/ul	97
87) Chrysene	21.451	228	961993	21.612	ng/ul	99
89) Di-n-octyl phthalate	22.257	149	1167059	23.795	ng/ul	100
90) Benzo(b)fluoranthene	23.057	252	1007169	21.731	ng/ul#	96
91) Benzo(k)fluoranthene	23.104	252	918491	21.848	ng/ul	97
93) Benzo(a)pyrene	23.668	252	985157	22.383	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	26.192	276	1102496	21.858	ng/ul	94
95) Dibenzo(a,h)anthracene	26.209	278	930023	21.564	ng/ul	93
96) Benzo(g,h,i)perylene	26.933	276	957242	21.577	ng/ul#	93

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

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