Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090622\
Data File : BN021618.D
Acq On : 07 Sep 2022 01:54
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD020334

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 09/07/2022
Supervised By :mohammad ahmed 09/07/2022

Quant Time: Sep 07 03:21:40 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081922.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 07 01:01:49 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.063	152	169936	20.000	ng/ul	0.00
20) Naphthalene-d8	10.899	136	761470	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.722	164	483097	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.469	188	985314	20.000	ng/ul	0.00
79) Chrysene-d12	21.663	240	871501	20.000	ng/ul	# 0.00
88) Perylene-d12	24.174	264	843905	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.364	96	31596	6.981	ng/uL	0.00
4) Pyridine-d5	3.793	84	223962	18.156	ng/ul	0.00
7) Phenol-d5	7.216	99	275760	17.892	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.381	67	173271	18.572	ng/ul	0.00
11) 2-Chlorophenol-d4	7.587	132	214325	19.113	ng/ul	0.00
15) 4-Methylphenol-d8	8.775	113	221982	18.356	ng/ul	0.00
21) Nitrobenzene-d5	9.240	128	110469	21.293	ng/ul	0.00
24) 2-Nitrophenol-d4	9.969	143	114924	24.801	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.510	165	213567	20.810	ng/ul	0.00
31) 4-Chloroaniline-d4	11.034	131	321813	18.464	ng/ul	0.00
46) Dimethylphthalate-d6	14.128	166	654048	19.808	ng/ul	0.00
49) Acenaphthylene-d8	14.416	160	758704	19.710	ng/ul	0.00
54) 4-Nitrophenol-d4	14.910	143	124420	18.936	ng/ul	0.00
60) Fluorene-d10	15.710	176	545646	18.991	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.828	200	94226	23.909	ng/ul	0.00
73) Anthracene-d10	17.569	188	818712m	18.855	ng/ul	0.00
81) Pyrene-d10	19.863	212	942487	22.740	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.010	264	791113	19.778	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.405	88	34295	7.357	ng/uL	92
5) Pyridine	3.817	79	227428	18.323	ng/ul	87
6) Benzaldehyde	7.193	77	148418	22.163	ng/ul	91
8) Phenol	7.240	94	287217	18.033	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.481	93	234314	18.451	ng/ul	94
12) 2-Chlorophenol	7.616	128	223380	18.569	ng/ul	98
13) 2-Methylphenol	8.510	108	219698	18.155	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.599	45	301680	18.834	ng/ul	97
16) Acetophenone	8.899	105	355585	18.591	ng/ul	93
17) N-Nitroso-di-n-propyla...	8.881	70	182902	19.205	ng/ul	93
18) 4-Methylphenol	8.840	108	242758	18.262	ng/ul	98
19) Hexachloroethane	9.157	117	91893	19.165	ng/ul	89
22) Nitrobenzene	9.281	77	266488	20.844	ng/ul	98
23) Isophorone	9.804	82	523109	19.870	ng/ul	99
25) 2-Nitrophenol	9.999	139	128075	23.595	ng/ul	96
26) 2,4-Dimethylphenol	10.057	107	266253	19.808	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.299	93	333464	20.227	ng/ul	99
29) 2,4-Dichlorophenol	10.534	162	219371	20.402	ng/ul	98
30) Naphthalene	10.946	128	747303	18.848	ng/ul	99
32) 4-Chloroaniline	11.057	127	332826	18.427	ng/ul	99
33) Hexachlorobutadiene	11.228	225	125112	20.197	ng/ul	98
34) Caprolactam	11.816	113	77544	18.854	ng/ul	81
35) 4-Chloro-3-methylphenol	12.175	107	251710	20.771	ng/ul	99
36) 2-Methylnaphthalene	12.551	142	526333	19.623	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.769	142	515480	19.123	ng/ul	91
39) 1,2,4,5-Tetrachloroben...	12.916	216	248888	20.091	ng/ul	99
40) Hexachlorocyclopentadiene	12.893	237	183503	24.881	ng/ul	98
41) 2,4,6-Trichlorophenol	13.157	196	167920	21.846	ng/ul	98
42) 2,4,5-Trichlorophenol	13.228	196	180111	21.356	ng/ul	95
43) 1,1'-Biphenyl	13.557	154	705059	19.971	ng/ul	99
44) 2-Chloronaphthalene	13.598	162	527158	19.504	ng/ul	98
45) 2-Nitroaniline	13.804	65	154510	22.792	ng/ul	86
47) Dimethylphthalate	14.175	163	669853	19.833	ng/ul	99
48) 2,6-Dinitrotoluene	14.298	165	132757	22.911	ng/ul	93
50) Acenaphthylene	14.445	152	872102	19.625	ng/ul	98
51) 3-Nitroaniline	14.628	138	147493	22.849	ng/ul	97
52) Acenaphthene	14.787	153	547410	19.064	ng/ul	99
53) 2,4-Dinitrophenol	14.828	184	74231	26.169	ng/ul	97
55) 4-Nitrophenol	14.928	109	98132	18.631	ng/ul	94
56) Dibenzofuran	15.116	168	787938	19.099	ng/ul	98
57) 2,4-Dinitrotoluene	15.081	165	188179	22.361	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.345	232	140660	21.729	ng/ul	99
59) Diethylphthalate	15.534	149	673741	19.781	ng/ul	99
61) Fluorene	15.769	166	614714	18.893	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.757	204	291834	19.457	ng/ul	97
63) 4-Nitroaniline	15.787	138	135428	20.905	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.839	198	99519	23.836	ng/ul	96
67) N-Nitrosodiphenylamine	15.975	169	555617	20.119	ng/ul	98
68) 4-Bromophenyl-phenylether	16.657	248	182640	20.842	ng/ul	97
69) Hexachlorobenzene	16.769	284	205291	19.680	ng/ul	94
70) Atrazine	16.922	200	187840	19.222	ng/ul	98
71) Pentachlorophenol	17.116	266	128829	22.183	ng/ul	92
72) Phenanthrene	17.510	178	995602	19.130	ng/ul	99
74) Anthracene	17.604	178	994964	19.199	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.522	216	262211	20.909	ng/uL	96
76) Pentachlorobenzene	15.034	250	245299	20.533	ng/uL	98
77) Carbazole	17.875	167	936200	19.116	ng/ul	98
78) Di-n-butylphthalate	18.433	149	1161889	21.043	ng/ul	100
80) Fluoranthene	19.527	202	1163976	23.284	ng/ul	96
82) Pyrene	19.892	202	1157055	22.207	ng/ul#	92
83) Butylbenzylphthalate	20.780	149	518132	26.273	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.574	252	306848	18.466	ng/ul#	94
85) Benzo(a)anthracene	21.645	228	1122624	21.394	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.557	149	755522	25.022	ng/ul	96
87) Chrysene	21.698	228	1037949	20.430	ng/ul	97
89) Di-n-octyl phthalate	22.521	149	1268836	25.668	ng/ul	100
90) Benzo(b)fluoranthene	23.404	252	1085828m	21.149	ng/ul	
91) Benzo(k)fluoranthene	23.457	252	1026153	22.343	ng/ul	96
93) Benzo(a)pyrene	24.063	252	1015748	20.678	ng/ul	94
94) Indeno(1,2,3-cd)pyrene	26.827	276	973971m	16.150	ng/ul	
95) Dibenzo(a,h)anthracene	26.851	278	842632	16.557	ng/ul	96
96) Benzo(g,h,i)perylene	27.651	276	821815	15.616	ng/ul	94

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

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