Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030723\
Data File : BN024137.D
Acq On : 07 Mar 2023 09:34
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD020259

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023

Quant Time: Mar 08 03:23:05 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN030323.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 07 04:27:04 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.052	152	329327	20.000	ng/ul	0.00
20) Naphthalene-d8	10.881	136	1429968	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.698	164	835910	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.445	188	1730698	20.000	ng/ul	0.00
79) Chrysene-d12	21.639	240	1518918	20.000	ng/ul	0.00
88) Perylene-d12	24.151	264	1695639	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.405	96	71512	8.471	ng/uL	0.00
4) Pyridine-d5	3.828	84	521309	22.316	ng/ul	0.00
7) Phenol-d5	7.199	99	629185	21.299	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.375	67	423499	22.387	ng/ul	0.00
11) 2-Chlorophenol-d4	7.581	132	493101	21.736	ng/ul	0.00
15) 4-Methylphenol-d8	8.757	113	488911	20.820	ng/ul	0.00
21) Nitrobenzene-d5	9.222	128	204633	22.048	ng/ul	0.00
24) 2-Nitrophenol-d4	9.951	143	224145	22.146	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.487	165	469585	21.501	ng/ul	0.00
31) 4-Chloroaniline-d4	11.010	131	683262	20.969	ng/ul	0.00
46) Dimethylphthalate-d6	14.104	166	1344589	20.842	ng/ul	0.00
49) Acenaphthylene-d8	14.392	160	1621951	21.599	ng/ul	0.00
54) 4-Nitrophenol-d4	14.875	143	250519	20.323	ng/ul	0.00
60) Fluorene-d10	15.686	176	1140928	21.043	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.798	200	177002	18.983	ng/ul	0.00
73) Anthracene-d10	17.539	188	1727921	21.170	ng/ul	0.00
81) Pyrene-d10	19.833	212	1913352	21.554	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.992	264	1831659	21.730	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.446	88	77756	8.505	ng/uL	93
5) Pyridine	3.852	79	535969	22.164	ng/ul	99
6) Benzaldehyde	7.181	77	375454m	26.161	ng/ul	
8) Phenol	7.228	94	658978	21.519	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.469	93	543787	21.914	ng/ul	98
12) 2-Chlorophenol	7.610	128	506939	21.524	ng/ul	99
13) 2-Methylphenol	8.493	108	491123	21.327	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.587	45	876005	22.251	ng/ul	99
16) Acetophenone	8.881	105	806878	22.133	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.869	70	389706	21.771	ng/ul	98
18) 4-Methylphenol	8.822	108	539735	21.295	ng/ul	100
19) Hexachloroethane	9.151	117	203452	21.997	ng/ul	97
22) Nitrobenzene	9.269	77	565485	22.506	ng/ul	99
23) Isophorone	9.793	82	1163334	21.184	ng/ul	99
25) 2-Nitrophenol	9.981	139	262620	22.588	ng/ul	99
26) 2,4-Dimethylphenol	10.034	107	563033	21.248	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.281	93	724043	21.234	ng/ul	98
29) 2,4-Dichlorophenol	10.516	162	474612	21.531	ng/ul	98
30) Naphthalene	10.928	128	1655159	21.033	ng/ul	99
32) 4-Chloroaniline	11.034	127	691355	21.041	ng/ul	99
33) Hexachlorobutadiene	11.216	225	284679	21.191	ng/ul	92
34) Caprolactam	11.792	113	145722m	19.385	ng/ul	
35) 4-Chloro-3-methylphenol	12.145	107	509172	20.968	ng/ul	98
36) 2-Methylnaphthalene	12.528	142	1098987	21.211	ng/ul	97

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.751	142	1079945	20.798	ng/ul	100
39)	1,2,4,5-Tetrachloroben...	12.898	216	525777	20.902	ng/ul	96
40)	Hexachlorocyclopentadiene	12.881	237	273811	20.198	ng/ul	99
41)	2,4,6-Trichlorophenol	13.128	196	344251	20.891	ng/ul	98
42)	2,4,5-Trichlorophenol	13.198	196	386980	21.806	ng/ul	93
43)	1,1'-Biphenyl	13.534	154	1421564	21.349	ng/ul	96
44)	2-Chloronaphthalene	13.575	162	1117182	21.534	ng/ul	100
45)	2-Nitroaniline	13.775	65	257862	22.814	ng/ul	97
47)	Dimethylphthalate	14.151	163	1359165	20.903	ng/ul	99
48)	2,6-Dinitrotoluene	14.269	165	212690	22.222	ng/ul	95
50)	Acenaphthylene	14.416	152	1731558	21.398	ng/ul	99
51)	3-Nitroaniline	14.592	138	243826	20.958	ng/ul	99
52)	Acenaphthene	14.757	153	1186492	21.495	ng/ul	97
53)	2,4-Dinitrophenol	14.792	184	112068	16.913	ng/ul	99
55)	4-Nitrophenol	14.886	109	189315	20.160	ng/ul	97
56)	Dibenzofuran	15.092	168	1601579	20.653	ng/ul	98
57)	2,4-Dinitrotoluene	15.051	165	334253	22.155	ng/ul	99
58)	2,3,4,6-Tetrachlorophenol	15.310	232	315070	20.653	ng/ul	97
59)	Diethylphthalate	15.510	149	1338489	20.651	ng/ul	99
61)	Fluorene	15.739	166	1280963	21.085	ng/ul	96
62)	4-Chlorophenyl-phenyle...	15.733	204	600650	20.678	ng/ul	97
63)	4-Nitroaniline	15.757	138	237027m	21.068	ng/ul	
66)	4,6-Dinitro-2-methylph...	15.810	198	182107	19.307	ng/ul	97
67)	N-Nitrosodiphenylamine	15.945	169	1099765	21.459	ng/ul	97
68)	4-Bromophenyl-phenylether	16.628	248	346199	20.120	ng/ul	88
69)	Hexachlorobenzene	16.745	284	411403	19.654	ng/ul	96
70)	Atrazine	16.898	200	354196	20.417	ng/ul	98
71)	Pentachlorophenol	17.086	266	264546	20.430	ng/ul	97
72)	Phenanthrene	17.486	178	2018672	21.055	ng/ul	97
74)	Anthracene	17.580	178	2031130	21.012	ng/ul	98
75)	1,2,3,4-Tetrachloroben...	13.498	216	543455	21.545	ng/uL	92
76)	Pentachlorobenzene	15.010	250	524698	21.348	ng/uL	90
77)	Carbazole	17.845	167	1871573	21.619	ng/ul	100
78)	Di-n-butylphthalate	18.410	149	2231121	21.652	ng/ul	100
80)	Fluoranthene	19.498	202	2278494	22.079	ng/ul	99
82)	Pyrene	19.857	202	2372243	21.788	ng/ul	99
83)	Butylbenzylphthalate	20.763	149	605556	21.840	ng/ul	99
84)	3,3'-Dichlorobenzidine	21.551	252	636663	21.748	ng/ul	93
85)	Benzo(a)anthracene	21.621	228	2265552	21.399	ng/ul	99
86)	Bis(2-ethylhexyl)phtha...	21.545	149	1057189	22.975	ng/ul	99
87)	Chrysene	21.680	228	2188482	21.596	ng/ul	98
89)	Di-n-octyl phthalate	22.515	149	1754654	19.349	ng/ul	100
90)	Benzo(b)fluoranthene	23.386	252	2328884	21.815	ng/ul	95
91)	Benzo(k)fluoranthene	23.439	252	2292813	21.715	ng/ul	99
93)	Benzo(a)pyrene	24.045	252	2026574	21.436	ng/ul	99
94)	Indeno(1,2,3-cd)pyrene	26.792	276	2521468m	21.178	ng/ul	
95)	Dibenzo(a,h)anthracene	26.809	278	2038515	21.027	ng/ul	100
96)	Benzo(g,h,i)perylene	27.598	276	2074719m	21.120	ng/ul	

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

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