Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030623\
Data File : BN024135.D
Acq On : 06 Mar 2023 14:52
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 07 04:31:42 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

Instrument :
BNA_N
ClientSampleId :
SSTD020258

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/07/2023
Supervised By :Jagrut Upadhyay 03/07/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.057	152	235204	20.000	ng/ul	0.00
20) Naphthalene-d8	10.881	136	1022286	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.698	164	620682	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.439	188	1272658	20.000	ng/ul	0.00
79) Chrysene-d12	21.633	240	1159652	20.000	ng/ul	0.00
88) Perylene-d12	24.139	264	1252436	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.405	96	50782	8.422	ng/uL	0.00
4) Pyridine-d5	3.828	84	351752	21.083	ng/ul	0.00
7) Phenol-d5	7.199	99	435066	20.622	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.381	67	287748	21.298	ng/ul	0.00
11) 2-Chlorophenol-d4	7.581	132	338263	20.878	ng/ul	0.00
15) 4-Methylphenol-d8	8.763	113	341240	20.346	ng/ul	0.00
21) Nitrobenzene-d5	9.228	128	143755	21.666	ng/ul	0.00
24) 2-Nitrophenol-d4	9.951	143	154793	21.393	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.493	165	326665	20.922	ng/ul	0.00
31) 4-Chloroaniline-d4	11.010	131	481971	20.691	ng/ul	0.00
46) Dimethylphthalate-d6	14.104	166	998032	20.834	ng/ul	0.00
49) Acenaphthylene-d8	14.392	160	1174704	21.068	ng/ul	0.00
54) 4-Nitrophenol-d4	14.869	143	176276	19.259	ng/ul	0.00
60) Fluorene-d10	15.687	176	825452	20.504	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.792	200	124920	18.219	ng/ul	0.00
73) Anthracene-d10	17.539	188	1275040	21.243	ng/ul	0.00
81) Pyrene-d10	19.827	212	1427193	21.058	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.974	264	1389603	22.319	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.440	88	54421	8.335	ng/uL	99
5) Pyridine	3.852	79	366391	21.214	ng/ul	99
6) Benzaldehyde	7.187	77	260775m	25.441	ng/ul	
8) Phenol	7.228	94	454837	20.797	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.475	93	373224	21.060	ng/ul	98
12) 2-Chlorophenol	7.616	128	348103	20.694	ng/ul	99
13) 2-Methylphenol	8.493	108	340258	20.689	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.593	45	601659	21.398	ng/ul	99
16) Acetophenone	8.887	105	570584	21.915	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.869	70	276010	21.590	ng/ul	99
18) 4-Methylphenol	8.828	108	376881	20.820	ng/ul	98
19) Hexachloroethane	9.152	117	140240	21.230	ng/ul	95
22) Nitrobenzene	9.269	77	395373	22.011	ng/ul	98
23) Isophorone	9.799	82	823747	20.983	ng/ul	99
25) 2-Nitrophenol	9.987	139	183014	22.019	ng/ul	96
26) 2,4-Dimethylphenol	10.040	107	402171	21.230	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.281	93	515620	21.152	ng/ul	99
29) 2,4-Dichlorophenol	10.516	162	331754	21.053	ng/ul	100
30) Naphthalene	10.928	128	1191125	21.173	ng/ul	99
32) 4-Chloroaniline	11.034	127	491118	20.907	ng/ul	98
33) Hexachlorobutadiene	11.216	225	199106	20.732	ng/ul	94
34) Caprolactam	11.793	113	105181m	19.572	ng/ul	
35) 4-Chloro-3-methylphenol	12.146	107	361415	20.819	ng/ul	99
36) 2-Methylnaphthalene	12.534	142	779222	21.037	ng/ul	98

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.751	142	770563	20.758	ng/ul	99
39)	1,2,4,5-Tetrachloroben...	12.898	216	394406	21.117	ng/ul	99
40)	Hexachlorocyclopentadiene	12.881	237	192136	19.088	ng/ul	98
41)	2,4,6-Trichlorophenol	13.134	196	247467	20.225	ng/ul	95
42)	2,4,5-Trichlorophenol	13.198	196	272767	20.700	ng/ul	98
43)	1,1'-Biphenyl	13.534	154	1036616	20.966	ng/ul	99
44)	2-Chloronaphthalene	13.575	162	805871	20.920	ng/ul	98
45)	2-Nitroaniline	13.775	65	180239	21.476	ng/ul	98
47)	Dimethylphthalate	14.151	163	983804	20.377	ng/ul	100
48)	2,6-Dinitrotoluene	14.269	165	149066	20.975	ng/ul	97
50)	Acenaphthylene	14.422	152	1263106	21.022	ng/ul	100
51)	3-Nitroaniline	14.592	138	175501	20.316	ng/ul	100
52)	Acenaphthene	14.757	153	858791	20.953	ng/ul	98
53)	2,4-Dinitrophenol	14.792	184	76825	15.614	ng/ul	97
55)	4-Nitrophenol	14.887	109	138943	19.926	ng/ul	99
56)	Dibenzofuran	15.092	168	1178723	20.471	ng/ul	98
57)	2,4-Dinitrotoluene	15.051	165	237920	21.238	ng/ul	97
58)	2,3,4,6-Tetrachlorophenol	15.316	232	235525	20.792	ng/ul#	93
59)	Diethylphthalate	15.510	149	983322	20.432	ng/ul	98
61)	Fluorene	15.739	166	950739	21.076	ng/ul	98
62)	4-Chlorophenyl-phenyle...	15.734	204	446572	20.704	ng/ul	96
63)	4-Nitroaniline	15.751	138	171705	20.554	ng/ul	99
66)	4,6-Dinitro-2-methylph...	15.810	198	134469	19.387	ng/ul	99
67)	N-Nitrosodiphenylamine	15.945	169	814779	21.620	ng/ul	97
68)	4-Bromophenyl-phenylether	16.628	248	247491	19.560	ng/ul	98
69)	Hexachlorobenzene	16.745	284	317396	20.620	ng/ul	99
70)	Atrazine	16.892	200	270831	21.230	ng/ul	98
71)	Pentachlorophenol	17.081	266	193095	20.279	ng/ul	94
72)	Phenanthrene	17.486	178	1515477	21.496	ng/ul	97
74)	Anthracene	17.575	178	1532231	21.556	ng/ul	100
75)	1,2,3,4-Tetrachloroben...	13.498	216	402347	21.691	ng/uL	95
76)	Pentachlorobenzene	15.010	250	373946	20.691	ng/uL	99
77)	Carbazole	17.839	167	1396369	21.935	ng/ul	99
78)	Di-n-butylphthalate	18.410	149	1620671	21.388	ng/ul	100
80)	Fluoranthene	19.492	202	1704627	21.635	ng/ul	99
82)	Pyrene	19.857	202	1773449	21.334	ng/ul	100
83)	Butylbenzylphthalate	20.751	149	432381	20.425	ng/ul	98
84)	3,3'-Dichlorobenzidine	21.545	252	477264	21.354	ng/ul	95
85)	Benzo(a)anthracene	21.616	228	1693765	20.954	ng/ul	98
86)	Bis(2-ethylhexyl)phtha...	21.539	149	760492	21.647	ng/ul	99
87)	Chrysene	21.669	228	1600448	20.686	ng/ul	96
89)	Di-n-octyl phthalate	22.504	149	1259533	18.804	ng/ul	100
90)	Benzo(b)fluoranthene	23.368	252	1664813	21.113	ng/ul	97
91)	Benzo(k)fluoranthene	23.421	252	1763493	22.612	ng/ul	99
93)	Benzo(a)pyrene	24.027	252	1565813	22.423	ng/ul	97
94)	Indeno(1,2,3-cd)pyrene	26.762	276	1968940m	22.390	ng/ul	
95)	Dibenzo(a,h)anthracene	26.792	278	1596668m	22.298	ng/ul	
96)	Benzo(g,h,i)perylene	27.574	276	1606582m	22.142	ng/ul	

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

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