Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111722\
Data File : BN022714.D
Acq On : 17 Nov 2022 09:48
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 17 22:16:22 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN111522.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 17 22:16:17 2022
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTD020359

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/18/2022
Supervised By :mohammad ahmed 11/21/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	74848	20.000	ng/ul	0.00
20) Naphthalene-d8	10.698	136	336251	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.557	164	214884	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.316	188	443076	20.000	ng/ul	0.00
79) Chrysene-d12	21.527	240	416624	20.000	ng/ul	0.00
88) Perylene-d12	23.956	264	414993	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.187	96	16765	7.647	ng/uL	0.00
4) Pyridine-d5	3.622	84	121480	19.594	ng/ul	0.00
7) Phenol-d5	7.040	99	134760	19.063	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.199	67	85549	20.184	ng/ul	0.00
11) 2-Chlorophenol-d4	7.399	132	102199	19.741	ng/ul	0.00
15) 4-Methylphenol-d8	8.598	113	109866	19.686	ng/ul	0.00
21) Nitrobenzene-d5	9.051	128	51529	19.798	ng/ul	0.00
24) 2-Nitrophenol-d4	9.781	143	56566	19.478	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.322	165	99373	20.072	ng/ul	0.00
31) 4-Chloroaniline-d4	10.845	131	145284	19.265	ng/ul	0.00
46) Dimethylphthalate-d6	13.969	166	303445	19.415	ng/ul	0.00
49) Acenaphthylene-d8	14.245	160	346784	20.137	ng/ul	0.00
54) 4-Nitrophenol-d4	14.781	143	55414	17.785	ng/ul	0.00
60) Fluorene-d10	15.551	176	249725	19.481	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.686	200	45532	16.167	ng/ul	0.00
73) Anthracene-d10	17.416	188	394991	20.359	ng/ul	0.00
81) Pyrene-d10	19.721	212	435155	20.155	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.798	264	406407	19.481	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.222	88	18232	7.815	ng/uL#	88
5) Pyridine	3.646	79	121555	19.774	ng/ul	100
6) Benzaldehyde	7.004	77	77638	21.707	ng/ul	99
8) Phenol	7.069	94	145446	19.755	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.293	93	111963	19.515	ng/ul	100
12) 2-Chlorophenol	7.428	128	111621	20.192	ng/ul	99
13) 2-Methylphenol	8.328	108	107606	19.635	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.404	45	153819m	20.311	ng/ul	
16) Acetophenone	8.710	105	179506	20.152	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.693	70	94624	19.932	ng/ul	98
18) 4-Methylphenol	8.663	108	117735	19.785	ng/ul	92
19) Hexachloroethane	8.951	117	46579	19.901	ng/ul	98
22) Nitrobenzene	9.093	77	141409	20.054	ng/ul	98
23) Isophorone	9.622	82	257931	19.123	ng/ul	100
25) 2-Nitrophenol	9.810	139	63843	19.996	ng/ul	97
26) 2,4-Dimethylphenol	9.875	107	139371	20.349	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.110	93	154808	19.903	ng/ul	99
29) 2,4-Dichlorophenol	10.351	162	103502	20.568	ng/ul	97
30) Naphthalene	10.745	128	362473	20.310	ng/ul	99
32) 4-Chloroaniline	10.869	127	157622	20.014	ng/ul	98
33) Hexachlorobutadiene	11.022	225	63995	20.661	ng/ul	95
34) Caprolactam	11.663	113	34709	18.182	ng/ul	96
35) 4-Chloro-3-methylphenol	12.010	107	132644	20.211	ng/ul	99
36) 2-Methylnaphthalene	12.369	142	247641	20.368	ng/ul	99

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.587	142	246656	20.238	ng/ul	96
39)	1,2,4,5-Tetrachloroben...	12.739	216	116672	20.228	ng/ul	99
40)	Hexachlorocyclopentadiene	12.710	237	52668	15.640	ng/ul	95
41)	2,4,6-Trichlorophenol	12.986	196	79498	19.413	ng/ul	99
42)	2,4,5-Trichlorophenol	13.063	196	86099	19.854	ng/ul	92
43)	1,1'-Biphenyl	13.386	154	312472	19.811	ng/ul	98
44)	2-Chloronaphthalene	13.428	162	247851	20.166	ng/ul	99
45)	2-Nitroaniline	13.645	65	87949	19.704	ng/ul	97
47)	Dimethylphthalate	14.016	163	316302	19.254	ng/ul	99
48)	2,6-Dinitrotoluene	14.145	165	64293	19.334	ng/ul	98
50)	Acenaphthylene	14.275	152	388015	20.169	ng/ul	99
51)	3-Nitroaniline	14.475	138	68929	19.251	ng/ul	99
52)	Acenaphthene	14.622	153	269734	19.761	ng/ul	99
53)	2,4-Dinitrophenol	14.686	184	38323	16.490	ng/ul	97
55)	4-Nitrophenol	14.798	109	58302	18.877	ng/ul	95
56)	Dibenzofuran	14.957	168	367558	20.380	ng/ul	99
57)	2,4-Dinitrotoluene	14.933	165	96410	19.909	ng/ul	100
58)	2,3,4,6-Tetrachlorophenol	15.186	232	71616	19.282	ng/ul	98
59)	Diethylphthalate	15.380	149	336843	19.345	ng/ul	99
61)	Fluorene	15.610	166	304910	20.245	ng/ul	96
62)	4-Chlorophenyl-phenyle...	15.604	204	141377	19.913	ng/ul	97
63)	4-Nitroaniline	15.645	138	67853	21.250	ng/ul	99
66)	4,6-Dinitro-2-methylph...	15.698	198	47088	16.176	ng/ul#	93
67)	N-Nitrosodiphenylamine	15.822	169	263259	19.845	ng/ul	98
68)	4-Bromophenyl-phenylether	16.498	248	86618	19.852	ng/ul	97
69)	Hexachlorobenzene	16.610	284	101200	19.842	ng/ul	95
70)	Atrazine	16.780	200	90207	19.077	ng/ul	97
71)	Pentachlorophenol	16.969	266	57855	17.853	ng/ul	98
72)	Phenanthrene	17.357	178	478282	20.027	ng/ul	98
74)	Anthracene	17.451	178	491924	20.336	ng/ul	99
75)	1,2,3,4-Tetrachloroben...	13.345	216	115881	19.833	ng/uL	97
76)	Pentachlorobenzene	14.875	250	124846	19.798	ng/uL	98
77)	Carbazole	17.727	167	449259	19.988	ng/ul	98
78)	Di-n-butylphthalate	18.286	149	606330	18.955	ng/ul	100
80)	Fluoranthene	19.386	202	547291	20.310	ng/ul	98
82)	Pyrene	19.751	202	579987	21.011	ng/ul	99
83)	Butylbenzylphthalate	20.657	149	269589	19.186	ng/ul	94
84)	3,3'-Dichlorobenzidine	21.451	252	181224	19.714	ng/ul	96
85)	Benzo(a)anthracene	21.510	228	544876	19.805	ng/ul	98
86)	Bis(2-ethylhexyl)phtha...	21.433	149	393645	18.981	ng/ul	99
87)	Chrysene	21.563	228	501851	19.262	ng/ul	95
89)	Di-n-octyl phthalate	22.368	149	657647	18.019	ng/ul	100
90)	Benzo(b)fluoranthene	23.209	252	538041	19.131	ng/ul	97
91)	Benzo(k)fluoranthene	23.257	252	543028	20.342	ng/ul	99
93)	Benzo(a)pyrene	23.845	252	453131	19.009	ng/ul	99
94)	Indeno(1,2,3-cd)pyrene	26.503	276	500878	18.475	ng/ul	97
95)	Dibenzo(a,h)anthracene	26.521	278	458180	18.856	ng/ul	99
96)	Benzo(g,h,i)perylene	27.292	276	431978	18.274	ng/ul	98

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

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