Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121522\
Data File : BN023214.D
Acq On : 15 Dec 2022 13:41
Operator : CG/JU
Sample : SSTD01048
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 15 22:35:29 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN121522.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 15 22:31:27 2022
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTD010211

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/16/2022
Supervised By :mohammad ahmed 12/16/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.005	152	282164	20.000	ng/ul	0.00
20) Naphthalene-d8	10.822	136	1286063	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.651	164	822365	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.398	188	1863091	20.000	ng/ul	0.00
79) Chrysene-d12	21.580	240	1833693	20.000	ng/ul	0.00
88) Perylene-d12	24.039	264	2022345	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.346	96	29407	3.558	ng/uL	0.00
4) Pyridine-d5	3.781	84	189693	8.116	ng/ul	0.00
7) Phenol-d5	7.158	99	249746	9.371	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.328	67	157137	9.834	ng/ul	0.00
11) 2-Chlorophenol-d4	7.528	132	199134	10.203	ng/ul	0.00
15) 4-Methylphenol-d8	8.716	113	203049	9.651	ng/ul	0.00
21) Nitrobenzene-d5	9.175	128	97840	9.829	ng/ul	0.00
24) 2-Nitrophenol-d4	9.899	143	101090	9.101	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.440	165	200054	10.565	ng/ul	0.00
31) 4-Chloroaniline-d4	10.963	131	323185	11.205	ng/ul	0.00
46) Dimethylphthalate-d6	14.057	166	645666	10.794	ng/ul	0.00
49) Acenaphthylene-d8	14.346	160	722829	10.967	ng/ul	0.00
54) 4-Nitrophenol-d4	14.840	143	130187	10.918	ng/ul	0.00
60) Fluorene-d10	15.640	176	561799	11.452	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.757	200	91763	7.749	ng/ul	0.00
73) Anthracene-d10	17.498	188	892899	10.945	ng/ul	0.00
81) Pyrene-d10	19.786	212	1060275	11.157	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.874	264	1038631	10.217	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.387	88	28580	3.250	ng/uL	97
5) Pyridine	3.799	79	201616	8.700	ng/ul	96
6) Benzaldehyde	7.134	77	99822	7.404	ng/ul	97
8) Phenol	7.187	94	257069	9.262	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.422	93	212007	9.802	ng/ul	98
12) 2-Chlorophenol	7.564	128	205148	9.844	ng/ul	98
13) 2-Methylphenol	8.452	108	192804	9.332	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.540	45	276570	9.687	ng/ul	99
16) Acetophenone	8.834	105	330393	9.839	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.816	70	165483	9.247	ng/ul	99
18) 4-Methylphenol	8.781	108	220445	9.827	ng/ul	99
19) Hexachloroethane	9.093	117	80412	9.114	ng/ul	99
22) Nitrobenzene	9.216	77	246000	9.121	ng/ul	98
23) Isophorone	9.746	82	451806	8.758	ng/ul	99
25) 2-Nitrophenol	9.928	139	113102	9.262	ng/ul	96
26) 2,4-Dimethylphenol	9.993	107	237912	9.082	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.228	93	301097	10.121	ng/ul	99
29) 2,4-Dichlorophenol	10.463	162	199293	10.355	ng/ul	99
30) Naphthalene	10.875	128	717540	10.512	ng/ul	99
32) 4-Chloroaniline	10.987	127	331758	11.014	ng/ul	99
33) Hexachlorobutadiene	11.157	225	117279	9.900	ng/ul	97
34) Caprolactam	11.757	113	66215m	9.069	ng/ul	
35) 4-Chloro-3-methylphenol	12.104	107	223645	8.910	ng/ul	97
36) 2-Methylnaphthalene	12.481	142	485509	10.441	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.699	142	505087	10.835	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.846	216	241609	10.946	ng/ul	97
40) Hexachlorocyclopentadiene	12.828	237	130605	10.134	ng/ul	95
41) 2,4,6-Trichlorophenol	13.087	196	163679	10.444	ng/ul	98
42) 2,4,5-Trichlorophenol	13.151	196	176016	10.606	ng/ul	98
43) 1,1'-Biphenyl	13.487	154	666352	11.039	ng/ul	100
44) 2-Chloronaphthalene	13.528	162	517238	10.997	ng/ul	99
45) 2-Nitroaniline	13.734	65	136545	7.994	ng/ul	98
47) Dimethylphthalate	14.104	163	649971	10.338	ng/ul	100
48) 2,6-Dinitrotoluene	14.228	165	115431	9.070	ng/ul	99
50) Acenaphthylene	14.375	152	817067	11.097	ng/ul	99
51) 3-Nitroaniline	14.557	138	117025	8.540	ng/ul	96
52) Acenaphthene	14.716	153	563307	10.783	ng/ul	98
53) 2,4-Dinitrophenol	14.757	184	56039	6.301	ng/ul	98
55) 4-Nitrophenol	14.857	109	99088	8.383	ng/ul	94
56) Dibenzofuran	15.045	168	788731	11.427	ng/ul	100
57) 2,4-Dinitrotoluene	15.010	165	176635	9.531	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.275	232	156432	11.006	ng/ul	96
59) Diethylphthalate	15.469	149	648854	9.737	ng/ul	99
61) Fluorene	15.698	166	656664	11.392	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.693	204	305564	11.246	ng/ul	99
63) 4-Nitroaniline	15.716	138	108011m	8.839	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.769	198	93948	7.675	ng/ul#	90
67) N-Nitrosodiphenylamine	15.904	169	550487	9.869	ng/ul	99
68) 4-Bromophenyl-phenylether	16.587	248	187200	10.203	ng/ul	95
69) Hexachlorobenzene	16.698	284	216886	10.113	ng/ul	99
70) Atrazine	16.851	200	187718	9.441	ng/ul	98
71) Pentachlorophenol	17.045	266	126690	9.297	ng/ul	92
72) Phenanthrene	17.439	178	1064165	10.597	ng/ul	100
74) Anthracene	17.528	178	1049976	10.323	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.457	216	239295	9.740	ng/uL	96
76) Pentachlorobenzene	14.969	250	247744	9.343	ng/uL	98
77) Carbazole	17.798	167	975109	10.318	ng/ul	99
78) Di-n-butylphthalate	18.363	149	1121203	8.336	ng/ul	100
80) Fluoranthene	19.451	202	1236218	10.423	ng/ul	99
82) Pyrene	19.816	202	1316681	10.837	ng/ul	98
83) Butylbenzylphthalate	20.710	149	498835	8.066	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.498	252	386314	9.548	ng/ul	99
85) Benzo(a)anthracene	21.563	228	1284519	10.608	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.486	149	730240	8.000	ng/ul	98
87) Chrysene	21.616	228	1238702	10.802	ng/ul	97
89) Di-n-octyl phthalate	22.427	149	1252938	7.044	ng/ul	100
90) Benzo(b)fluoranthene	23.280	252	1308289	9.546	ng/ul	98
91) Benzo(k)fluoranthene	23.333	252	1311860	10.084	ng/ul	97
93) Benzo(a)pyrene	23.921	252	1146867	9.872	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.598	276	1444964	10.937	ng/ul	98
95) Dibenzo(a,h)anthracene	26.610	278	1190874	10.057	ng/ul	98
96) Benzo(g,h,i)perylene	27.386	276	1128273	9.795	ng/ul	96

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

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