Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112122\
Data File : BN022828.D
Acq On : 22 Nov 2022 17:14
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD020369

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 11/23/2022
Supervised By :mohammad ahmed 11/25/2022

Quant Time: Nov 23 06:07:14 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN111522.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 22 05:15:51 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.845	152	64603	20.000	ng/ul	0.00
20) Naphthalene-d8	10.663	136	310440	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.516	164	203567	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.268	188	416592	20.000	ng/ul	0.00
79) Chrysene-d12	21.474	240	384441	20.000	ng/ul	0.00
88) Perylene-d12	23.868	264	378805	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.175	96	14558	7.694	ng/uL	0.00
4) Pyridine-d5	3.610	84	107844	20.153	ng/ul	0.00
7) Phenol-d5	7.016	99	127648	20.920	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.181	67	82549	22.565	ng/ul	0.00
11) 2-Chlorophenol-d4	7.375	132	96077	21.501	ng/ul	0.00
15) 4-Methylphenol-d8	8.575	113	105645	21.932	ng/ul	0.00
21) Nitrobenzene-d5	9.028	128	50549	21.036	ng/ul	0.00
24) 2-Nitrophenol-d4	9.751	143	55306	20.627	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.286	165	98629	21.578	ng/ul	0.00
31) 4-Chloroaniline-d4	10.816	131	154107	22.134	ng/ul	0.00
46) Dimethylphthalate-d6	13.933	166	310569	20.975	ng/ul	0.00
49) Acenaphthylene-d8	14.210	160	356754	21.867	ng/ul	0.00
54) 4-Nitrophenol-d4	14.733	143	58551	19.836	ng/ul	0.00
60) Fluorene-d10	15.510	176	261328	21.519	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.645	200	48630	18.365	ng/ul	0.00
73) Anthracene-d10	17.368	188	392711	21.528	ng/ul	0.00
81) Pyrene-d10	19.674	212	435123	21.840	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.709	264	406188	21.331	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.210	88	15954	7.923	ng/uL#	92
5) Pyridine	3.634	79	109796	20.694	ng/ul	96
6) Benzaldehyde	6.987	77	64119	20.770	ng/ul	98
8) Phenol	7.040	94	136335	21.454	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.275	93	108520	21.915	ng/ul	98
12) 2-Chlorophenol	7.404	128	104618	21.926	ng/ul	97
13) 2-Methylphenol	8.304	108	102428	21.654	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.375	45	159708m	24.433	ng/ul	
16) Acetophenone	8.687	105	179044	23.288	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.669	70	98281	23.985	ng/ul	97
18) 4-Methylphenol	8.634	108	116331	22.649	ng/ul	98
19) Hexachloroethane	8.922	117	44552	22.054	ng/ul	97
22) Nitrobenzene	9.069	77	145690	22.379	ng/ul	99
23) Isophorone	9.592	82	274093	22.010	ng/ul	99
25) 2-Nitrophenol	9.781	139	63922	21.685	ng/ul	97
26) 2,4-Dimethylphenol	9.839	107	141832	22.431	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.081	93	158909	22.128	ng/ul	99
29) 2,4-Dichlorophenol	10.316	162	103076	22.187	ng/ul	97
30) Naphthalene	10.716	128	361014	21.910	ng/ul	98
32) 4-Chloroaniline	10.839	127	158844	21.846	ng/ul	98
33) Hexachlorobutadiene	10.986	225	64735	22.638	ng/ul	96
34) Caprolactam	11.628	113	35355m	20.060	ng/ul	
35) 4-Chloro-3-methylphenol	11.969	107	135326	22.334	ng/ul	96
36) 2-Methylnaphthalene	12.333	142	249363	22.215	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.551	142	249401	22.164	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.704	216	119746	21.916	ng/ul	98
40) Hexachlorocyclopentadiene	12.669	237	62224	19.505	ng/ul	93
41) 2,4,6-Trichlorophenol	12.951	196	81398	20.982	ng/ul	97
42) 2,4,5-Trichlorophenol	13.022	196	88258	21.483	ng/ul	96
43) 1,1'-Biphenyl	13.351	154	322272	21.568	ng/ul	99
44) 2-Chloronaphthalene	13.392	162	256901	22.064	ng/ul	97
45) 2-Nitroaniline	13.610	65	93038	22.003	ng/ul	98
47) Dimethylphthalate	13.980	163	329176	21.152	ng/ul	99
48) 2,6-Dinitrotoluene	14.110	165	67226	21.340	ng/ul	96
50) Acenaphthylene	14.239	152	398613	21.871	ng/ul	100
51) 3-Nitroaniline	14.439	138	65717	19.374	ng/ul	99
52) Acenaphthene	14.580	153	283449	21.920	ng/ul	98
53) 2,4-Dinitrophenol	14.651	184	34909	15.856	ng/ul	96
55) 4-Nitrophenol	14.751	109	59843	20.453	ng/ul	99
56) Dibenzofuran	14.916	168	377917	22.119	ng/ul	99
57) 2,4-Dinitrotoluene	14.898	165	99751	21.744	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.145	232	75663	21.504	ng/ul	95
59) Diethylphthalate	15.345	149	350855	21.270	ng/ul	99
61) Fluorene	15.569	166	313745	21.989	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.563	204	148224	22.039	ng/ul	95
63) 4-Nitroaniline	15.604	138	56559	18.697	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.663	198	52917	19.334	ng/ul	98
67) N-Nitrosodiphenylamine	15.780	169	265835	21.313	ng/ul	97
68) 4-Bromophenyl-phenylether	16.457	248	88849	21.658	ng/ul	96
69) Hexachlorobenzene	16.568	284	100476	20.952	ng/ul	97
70) Atrazine	16.739	200	93533	21.038	ng/ul	93
71) Pentachlorophenol	16.921	266	60823	19.962	ng/ul	95
72) Phenanthrene	17.315	178	481535	21.445	ng/ul	100
74) Anthracene	17.404	178	498476	21.917	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.310	216	118829	21.630	ng/uL	96
76) Pentachlorobenzene	14.833	250	130274	21.972	ng/uL	97
77) Carbazole	17.680	167	451618	21.371	ng/ul	97
78) Di-n-butylphthalate	18.239	149	606553	20.168	ng/ul	100
80) Fluoranthene	19.339	202	546380	21.973	ng/ul	99
82) Pyrene	19.704	202	570398	22.394	ng/ul	98
83) Butylbenzylphthalate	20.604	149	282856	21.816	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.398	252	183649	21.650	ng/ul	96
85) Benzo(a)anthracene	21.456	228	524390	20.656	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.380	149	420305	21.963	ng/ul	97
87) Chrysene	21.515	228	503869	20.958	ng/ul	98
89) Di-n-octyl phthalate	22.303	149	729689	21.903	ng/ul	100
90) Benzo(b)fluoranthene	23.133	252	540800	21.066	ng/ul	98
91) Benzo(k)fluoranthene	23.180	252	522555	21.445	ng/ul	100
93) Benzo(a)pyrene	23.762	252	456182	20.965	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.368	276	500034	20.206	ng/ul	97
95) Dibenzo(a,h)anthracene	26.386	278	460553	20.764	ng/ul	98
96) Benzo(g,h,i)perylene	27.133	276	430037	19.930	ng/ul	97

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

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