Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101222\
Data File : BN022059.D
Acq On : 12 Oct 2022 10:50
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD020340

Quant Time: Oct 13 02:13:56 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101222.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 13 02:12:15 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.957	152	106431	20.000	ng/ul	0.00
20) Naphthalene-d8	10.793	136	514949	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.634	164	332396	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.386	188	726312	20.000	ng/ul	0.00
79) Chrysene-d12	21.592	240	723403	20.000	ng/ul	0.00
88) Perylene-d12	24.068	264	793522	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	23392	8.318	ng/uL	0.00
4) Pyridine-d5	3.699	84	176020	20.704	ng/ul	0.00
7) Phenol-d5	7.116	99	207795	20.194	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.281	67	132686	20.141	ng/ul	0.00
11) 2-Chlorophenol-d4	7.481	132	150325	21.179	ng/ul	0.00
15) 4-Methylphenol-d8	8.681	113	167628	20.620	ng/ul	0.00
21) Nitrobenzene-d5	9.140	128	78504	21.478	ng/ul	0.00
24) 2-Nitrophenol-d4	9.869	143	83416	22.386	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.410	165	151431	21.489	ng/ul	0.00
31) 4-Chloroaniline-d4	10.934	131	248539	20.885	ng/ul	0.00
46) Dimethylphthalate-d6	14.045	166	489773	20.966	ng/ul	0.00
49) Acenaphthylene-d8	14.328	160	563940	22.189	ng/ul	0.00
54) 4-Nitrophenol-d4	14.834	143	106750	21.703	ng/ul	0.00
60) Fluorene-d10	15.628	176	408948	20.679	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.751	200	81924	20.591	ng/ul	0.00
73) Anthracene-d10	17.492	188	650408	20.734	ng/ul	0.00
81) Pyrene-d10	19.792	212	763089	21.695	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.904	264	821961	21.421	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.293	88	25350	8.321	ng/uL	93
5) Pyridine	3.716	79	176295	20.633	ng/ul	99
6) Benzaldehyde	7.087	77	123640	23.987	ng/ul	99
8) Phenol	7.140	94	222014	20.274	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.381	93	179812	20.592	ng/ul	99
12) 2-Chlorophenol	7.516	128	167216	21.413	ng/ul	99
13) 2-Methylphenol	8.410	108	164626	20.297	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.499	45	254062	19.459	ng/ul	99
16) Acetophenone	8.799	105	276605	20.712	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.781	70	145523	20.822	ng/ul	99
18) 4-Methylphenol	8.746	108	186613	20.498	ng/ul	98
19) Hexachloroethane	9.052	117	65221	20.832	ng/ul	99
22) Nitrobenzene	9.181	77	210238	20.934	ng/ul	99
23) Isophorone	9.710	82	413805	21.083	ng/ul	99
25) 2-Nitrophenol	9.899	139	97215	22.011	ng/ul	98
26) 2,4-Dimethylphenol	9.957	107	198223	20.806	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.198	93	253458	20.396	ng/ul	99
29) 2,4-Dichlorophenol	10.434	162	159988	21.285	ng/ul	98
30) Naphthalene	10.840	128	573018	20.502	ng/ul	99
32) 4-Chloroaniline	10.957	127	257734	20.574	ng/ul	99
33) Hexachlorobutadiene	11.122	225	85191	20.482	ng/ul	96
34) Caprolactam	11.763	113	60732	20.773	ng/ul	94
35) 4-Chloro-3-methylphenol	12.081	107	192394	21.039	ng/ul	97
36) 2-Methylnaphthalene	12.457	142	397668	20.898	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.675	142	399666	20.781	ng/ul	93
39) 1,2,4,5-Tetrachloroben...	12.822	216	180996	21.334	ng/ul	94
40) Hexachlorocyclopentadiene	12.798	237	100707	22.559	ng/ul	98
41) 2,4,6-Trichlorophenol	13.069	196	129400	22.632	ng/ul	100
42) 2,4,5-Trichlorophenol	13.134	196	136218	21.651	ng/ul	99
43) 1,1'-Biphenyl	13.469	154	503236	20.764	ng/ul	97
44) 2-Chloronaphthalene	13.510	162	394355	20.871	ng/ul	93
45) 2-Nitroaniline	13.722	65	131328	22.564	ng/ul	97
47) Dimethylphthalate	14.092	163	525765	21.182	ng/ul	100
48) 2,6-Dinitrotoluene	14.216	165	100742	22.741	ng/ul	99
50) Acenaphthylene	14.357	152	644120	22.055	ng/ul	99
51) 3-Nitroaniline	14.545	138	118867	22.275	ng/ul	100
52) Acenaphthene	14.698	153	434814	20.462	ng/ul	98
53) 2,4-Dinitrophenol	14.751	184	65290	21.398	ng/ul	99
55) 4-Nitrophenol	14.851	109	84266	20.937	ng/ul	92
56) Dibenzofuran	15.034	168	604284	21.096	ng/ul	98
57) 2,4-Dinitrotoluene	15.004	165	151269	22.583	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.263	232	116105	21.726	ng/ul	96
59) Diethylphthalate	15.457	149	546184	21.224	ng/ul	98
61) Fluorene	15.686	166	482865	20.393	ng/ul	93
62) 4-Chlorophenyl-phenyle...	15.681	204	217660	20.247	ng/ul	94
63) 4-Nitroaniline	15.710	138	120483	22.692	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.763	198	88663	20.768	ng/ul	98
67) N-Nitrosodiphenylamine	15.892	169	425277	20.233	ng/ul	97
68) 4-Bromophenyl-phenylether	16.575	248	135048	20.685	ng/ul	86
69) Hexachlorobenzene	16.686	284	157450	20.340	ng/ul	95
70) Atrazine	16.851	200	151462	21.316	ng/ul	96
71) Pentachlorophenol	17.033	266	98038	20.866	ng/ul	91
72) Phenanthrene	17.433	178	815981	20.631	ng/ul	99
74) Anthracene	17.528	178	814703	20.686	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.434	216	184519	20.975	ng/uL	97
76) Pentachlorobenzene	14.951	250	198343	20.835	ng/uL	96
77) Carbazole	17.798	167	770947	21.208	ng/ul	99
78) Di-n-butylphthalate	18.363	149	989948	22.239	ng/ul	98
80) Fluoranthene	19.457	202	963181	21.562	ng/ul	99
82) Pyrene	19.822	202	965951	20.492	ng/ul	100
83) Butylbenzylphthalate	20.721	149	486275	24.193	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.510	252	366530	23.303	ng/ul	95
85) Benzo(a)anthracene	21.580	228	868249	19.105	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.498	149	907271	31.086	ng/ul	100
87) Chrysene	21.633	228	920673	20.590	ng/ul	98
89) Di-n-octyl phthalate	22.445	149	1203699	21.752	ng/ul	100
90) Benzo(b)fluoranthene	23.304	252	1061625	21.190	ng/ul	96
91) Benzo(k)fluoranthene	23.357	252	1054965	21.349	ng/ul	95
93) Benzo(a)pyrene	23.962	252	959470	21.690	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	26.668	276	1187543	21.145	ng/ul	99
95) Dibenzo(a,h)anthracene	26.686	278	1088178	21.426	ng/ul#	95
96) Benzo(g,h,i)perylene	27.468	276	1064069	21.020	ng/ul	98

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

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