Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081922\
Data File : BN021298.D
Acq On : 19 Aug 2022 17:01
Operator : CG/JU
Sample : SSTDICV020
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SICV237

Quant Time: Aug 22 11:23:07 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081922.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 19 16:13:51 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.099	152	96198	20.000	ng/ul	0.00
20) Naphthalene-d8	10.934	136	461756	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.751	164	308792	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.504	188	654876	20.000	ng/ul	0.00
79) Chrysene-d12	21.692	240	662002	20.000	ng/ul	0.00
88) Perylene-d12	24.227	264	763724	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	17767	6.934	ng/uL	0.00
4) Pyridine-d5	3.817	84	121351	17.378	ng/ul	0.00
7) Phenol-d5	7.240	99	144778	16.594	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.416	67	97270	18.418	ng/ul	0.00
11) 2-Chlorophenol-d4	7.616	132	113887	17.941	ng/ul	0.00
15) 4-Methylphenol-d8	8.810	113	122447	17.886	ng/ul	0.00
21) Nitrobenzene-d5	9.275	128	59155	18.803	ng/ul	0.00
24) 2-Nitrophenol-d4	10.004	143	53343	18.983	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.546	165	116261	18.682	ng/ul	0.00
31) 4-Chloroaniline-d4	11.063	131	188001	17.788	ng/ul	0.00
46) Dimethylphthalate-d6	14.163	166	384707	18.228	ng/ul	0.00
49) Acenaphthylene-d8	14.445	160	462000	18.776	ng/ul	0.00
54) 4-Nitrophenol-d4	14.939	143	73881	17.591	ng/ul	0.00
60) Fluorene-d10	15.745	176	334893	18.236	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.851	200	43885	16.754	ng/ul	0.00
73) Anthracene-d10	17.598	188	521963	18.086	ng/ul	0.00
81) Pyrene-d10	19.892	212	615133	19.539	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.057	264	666489	18.412	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.417	88	18030	6.833	ng/uL	97
5) Pyridine	3.834	79	118186	16.820	ng/ul	93
6) Benzaldehyde	7.222	77	88609	23.374	ng/ul	92
8) Phenol	7.269	94	155312	17.226	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.510	93	125893	17.512	ng/ul	96
12) 2-Chlorophenol	7.652	128	121594	17.855	ng/ul	97
13) 2-Methylphenol	8.540	108	117864	17.206	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.634	45	161838	17.848	ng/ul	96
16) Acetophenone	8.928	105	203287	18.775	ng/ul	94
17) N-Nitroso-di-n-propyla...	8.910	70	101140	18.760	ng/ul	94
18) 4-Methylphenol	8.869	108	131786	17.513	ng/ul	92
19) Hexachloroethane	9.193	117	48489	17.864	ng/ul	91
22) Nitrobenzene	9.316	77	141354	18.233	ng/ul	95
23) Isophorone	9.840	82	291166	18.239	ng/ul	100
25) 2-Nitrophenol	10.034	139	64511	19.599	ng/ul	90
26) 2,4-Dimethylphenol	10.093	107	146465	17.969	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.334	93	180224	18.027	ng/ul	98
29) 2,4-Dichlorophenol	10.569	162	118858	18.229	ng/ul	99
30) Naphthalene	10.981	128	426453	17.737	ng/ul	99
32) 4-Chloroaniline	11.093	127	195117	17.814	ng/ul	99
33) Hexachlorobutadiene	11.263	225	67418	17.948	ng/ul	97
34) Caprolactam	11.845	113	49899	20.007	ng/ul	86
35) 4-Chloro-3-methylphenol	12.204	107	136344	18.554	ng/ul	98
36) 2-Methylnaphthalene	12.587	142	294631	18.115	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.804	142	295771	18.094	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.951	216	137072	17.311	ng/ul	96
40) Hexachlorocyclopentadiene	12.928	237	94076	19.956	ng/ul	98
41) 2,4,6-Trichlorophenol	13.187	196	89985	18.315	ng/ul	94
42) 2,4,5-Trichlorophenol	13.257	196	99992	18.549	ng/ul	95
43) 1,1'-Biphenyl	13.592	154	405467	17.968	ng/ul	99
44) 2-Chloronaphthalene	13.634	162	303851	17.588	ng/ul	99
45) 2-Nitroaniline	13.834	65	83260	19.215	ng/ul	90
47) Dimethylphthalate	14.204	163	387474	17.948	ng/ul	98
48) 2,6-Dinitrotoluene	14.322	165	78959	21.319	ng/ul	94
50) Acenaphthylene	14.475	152	506538	17.833	ng/ul	98
51) 3-Nitroaniline	14.651	138	90126	21.843	ng/ul	97
52) Acenaphthene	14.816	153	328839	17.917	ng/ul	97
53) 2,4-Dinitrophenol	14.857	184	31642	17.451	ng/ul	98
55) 4-Nitrophenol	14.951	109	63610	18.894	ng/ul	92
56) Dibenzofuran	15.151	168	461891	17.516	ng/ul	98
57) 2,4-Dinitrotoluene	15.110	165	103348	19.213	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.369	232	83130	20.091	ng/ul	97
59) Diethylphthalate	15.569	149	400330	18.388	ng/ul	97
61) Fluorene	15.798	166	383280	18.429	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.792	204	171865	17.926	ng/ul	96
63) 4-Nitroaniline	15.816	138	98851	23.873	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.863	198	47817	17.231	ng/ul#	95
67) N-Nitrosodiphenylamine	16.004	169	338461	18.440	ng/ul	99
68) 4-Bromophenyl-phenylether	16.692	248	105617	18.134	ng/ul	92
69) Hexachlorobenzene	16.798	284	119854	17.287	ng/ul	93
70) Atrazine	16.951	200	115208	17.738	ng/ul	96
71) Pentachlorophenol	17.145	266	74243	19.234	ng/ul	94
72) Phenanthrene	17.545	178	604669	17.480	ng/ul	99
74) Anthracene	17.633	178	605986	17.593	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.551	216	142710	17.122	ng/uL	99
76) Pentachlorobenzene	15.063	250	143313	18.049	ng/uL	92
77) Carbazole	17.904	167	602570	18.512	ng/ul	97
78) Di-n-butylphthalate	18.475	149	663249	18.073	ng/ul	99
80) Fluoranthene	19.557	202	716765	18.875	ng/ul	96
82) Pyrene	19.922	202	729319	18.427	ng/ul#	92
83) Butylbenzylphthalate	20.822	149	286339	19.114	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.604	252	251341	19.912	ng/ul#	90
85) Benzo(a)anthracene	21.674	228	741009	18.591	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.604	149	447269	19.501	ng/ul	99
87) Chrysene	21.727	228	722203	18.714	ng/ul	99
89) Di-n-octyl phthalate	22.580	149	787264	17.598	ng/ul	100
90) Benzo(b)fluoranthene	23.445	252	832520	17.918	ng/ul#	97
91) Benzo(k)fluoranthene	23.498	252	785386	18.896	ng/ul	97
93) Benzo(a)pyrene	24.110	252	767757	17.270	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	26.904	276	946841	17.349	ng/ul#	93
95) Dibenzo(a,h)anthracene	26.939	278	836206	18.155	ng/ul	98
96) Benzo(g,h,i)perylene	27.727	276	836008	17.554	ng/ul	96

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

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