Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112421\
Data File : BN017567.D
Acq On : 23 Nov 2021 15:33
Operator : CG/JU
Sample : M4702-04MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DBLN9MSD

Quant Time: Nov 23 17:16:32 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN112221.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 22 16:16:36 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.846	152	262941	20.000	ng/ul	0.00
20) Naphthalene-d8	10.640	136	1125365	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.475	164	626541	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.222	188	1063161	20.000	ng/ul	0.00
79) Chrysene-d12	21.410	240	790901	20.000	ng/ul	0.00
88) Perylene-d12	23.774	264	790750	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.305	96	23757	3.229	ng/uL	0.00
4) Pyridine-d5	3.711	84	198453	10.279	ng/ul	0.00
7) Phenol-d5	7.005	99	449088	18.761	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.169	67	288617	19.241	ng/ul	0.00
11) 2-Chlorophenol-d4	7.375	132	353500	19.504	ng/ul	0.00
15) 4-Methylphenol-d8	8.546	113	322327	17.119	ng/ul	0.00
21) Nitrobenzene-d5	8.999	128	175575	20.593	ng/ul	0.00
24) 2-Nitrophenol-d4	9.716	143	178917	21.211	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.257	165	344334	20.735	ng/ul	0.00
31) 4-Chloroaniline-d4	10.769	131	391481	16.417	ng/ul	0.00
46) Dimethylphthalate-d6	13.887	166	953373	20.929	ng/ul	0.00
49) Acenaphthylene-d8	14.169	160	1206745	20.632	ng/ul	0.00
54) 4-Nitrophenol-d4	14.663	143	132105	17.137	ng/ul	0.00
60) Fluorene-d10	15.469	176	776619	20.213	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.587	200	109923	19.906	ng/ul	0.00
73) Anthracene-d10	17.316	188	1031663	20.877	ng/ul	0.00
81) Pyrene-d10	19.616	212	1064919	21.210	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.621	264	909272	21.872	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.340	88	55896	7.694	ng/uL	100
5) Pyridine	3.728	79	276213	14.217	ng/ul	91
6) Benzaldehyde	6.981	77	297590	23.436	ng/ul	93
8) Phenol	7.028	94	557295	22.987	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.263	93	428588	21.561	ng/ul	96
12) 2-Chlorophenol	7.405	128	408954	21.896	ng/ul	96
13) 2-Methylphenol	8.281	108	384288	21.045	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.381	45	572731	21.371	ng/ul	95
16) Acetophenone	8.657	105	634863	22.547	ng/ul	94
17) N-Nitroso-di-n-propyla...	8.652	70	327494	22.315	ng/ul	94
18) 4-Methylphenol	8.610	108	416938	21.315	ng/ul	100
19) Hexachloroethane	8.928	117	174997	22.176	ng/ul	99
22) Nitrobenzene	9.040	77	478769	22.220	ng/ul	97
23) Isophorone	9.563	82	919055	22.789	ng/ul	96
25) 2-Nitrophenol	9.752	139	215969	23.211	ng/ul#	90
26) 2,4-Dimethylphenol	9.810	107	310253	14.418	ng/ul	92
27) Bis(2-Chloroethoxy)met...	10.052	93	571526	21.774	ng/ul	99
29) 2,4-Dichlorophenol	10.287	162	376507	22.484	ng/ul	97
30) Naphthalene	10.687	128	1318760	21.904	ng/ul	100
32) 4-Chloroaniline	10.793	127	456955	18.886	ng/ul	99
33) Hexachlorobutadiene	10.987	225	245712	22.308	ng/ul	97
34) Caprolactam	11.540	113	110655	21.789	ng/ul	91
35) 4-Chloro-3-methylphenol	11.922	107	416116	22.088	ng/ul	98
36) 2-Methylnaphthalene	12.298	142	875468	21.788	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.522	142	878800	21.599	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.675	216	440068	23.681	ng/ul	96
40) Hexachlorocyclopentadiene	12.657	237	185862	15.594	ng/ul	99
41) 2,4,6-Trichlorophenol	12.910	196	277562	24.448	ng/ul	98
42) 2,4,5-Trichlorophenol	12.975	196	298846	24.140	ng/ul	99
43) 1,1'-Biphenyl	13.310	154	1145054	23.172	ng/ul	99
44) 2-Chloronaphthalene	13.351	162	859859	22.884	ng/ul	96
45) 2-Nitroaniline	13.551	65	254437	24.466	ng/ul	95
47) Dimethylphthalate	13.934	163	1040020	23.033	ng/ul	98
48) 2,6-Dinitrotoluene	14.045	165	207717	24.512	ng/ul#	86
50) Acenaphthylene	14.198	152	1370451	22.991	ng/ul	97
51) 3-Nitroaniline	14.369	138	194456	21.675	ng/ul	88
52) Acenaphthene	14.540	153	877236	22.826	ng/ul	96
53) 2,4-Dinitrophenol	14.581	184	87870	20.627	ng/ul	97
55) 4-Nitrophenol	14.675	109	141351	21.024	ng/ul	85
56) Dibenzofuran	14.875	168	1226226	22.226	ng/ul	97
57) 2,4-Dinitrotoluene	14.834	165	275980	22.983	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.104	232	207863	22.694	ng/ul	99
59) Diethylphthalate	15.298	149	1059021	23.419	ng/ul	98
61) Fluorene	15.528	166	926308	22.366	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.522	204	449383	22.235	ng/ul	94
63) 4-Nitroaniline	15.534	138	176885	23.384	ng/ul	87
66) 4,6-Dinitro-2-methylph...	15.598	198	128716	23.218	ng/ul#	86
67) N-Nitrosodiphenylamine	15.734	169	809830	25.270	ng/ul	97
68) 4-Bromophenyl-phenylether	16.416	248	259061	24.679	ng/ul	93
69) Hexachlorobenzene	16.534	284	268109	23.966	ng/ul#	88
70) Atrazine	16.686	200	264258	23.349	ng/ul	98
71) Pentachlorophenol	16.875	266	116889	18.375	ng/ul	99
72) Phenanthrene	17.263	178	1422406	24.521	ng/ul	99
74) Anthracene	17.351	178	1323330	23.005	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.281	216	437596	26.252	ng/uL	97
76) Pentachlorobenzene	14.798	250	367814	24.267	ng/uL	96
77) Carbazole	17.622	167	1198077	24.267	ng/ul	99
78) Di-n-butylphthalate	18.198	149	1550426	25.842	ng/ul	98
80) Fluoranthene	19.280	202	1494579	24.747	ng/ul	99
82) Pyrene	19.645	202	1475554	24.404	ng/ul	98
83) Butylbenzylphthalate	20.545	149	618548	28.023	ng/ul	91
84) 3,3'-Dichlorobenzidine	21.327	252	291695	19.388	ng/ul	96
85) Benzo(a)anthracene	21.392	228	1316343	25.126	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.333	149	967082	30.272	ng/ul#	97
87) Chrysene	21.445	228	1252429	24.328	ng/ul	98
89) Di-n-octyl phthalate	22.251	149	1530617	25.486	ng/ul	100
90) Benzo(b)fluoranthene	23.057	252	1327129	24.272	ng/ul	98
91) Benzo(k)fluoranthene	23.104	252	1212846	23.492	ng/ul	97
93) Benzo(a)pyrene	23.668	252	1243771	23.959	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.221	276	1451504	26.928	ng/ul	99
95) Dibenzo(a,h)anthracene	26.233	278	1193676	26.072	ng/ul	98
96) Benzo(g,h,i)perylene	26.968	276	1023767	22.221	ng/ul	97

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

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