Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101422\
Data File : BN022128.D
Acq On : 14 Oct 2022 17:30
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD020343

Quant Time: Oct 15 00:27:33 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101222.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 13 03:08:08 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.958	152	167846	20.000	ng/ul	0.00
20) Naphthalene-d8	10.787	136	806530	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.634	164	513876	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.387	188	1026419	20.000	ng/ul	0.00
79) Chrysene-d12	21.586	240	895468	20.000	ng/ul	0.00
88) Perylene-d12	24.051	264	747023	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	31133	7.030	ng/uL	0.00
4) Pyridine-d5	3.693	84	250503	18.185	ng/ul	0.00
7) Phenol-d5	7.117	99	309720	18.875	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.281	67	188070	18.291	ng/ul	0.00
11) 2-Chlorophenol-d4	7.481	132	232150	20.405	ng/ul	0.00
15) 4-Methylphenol-d8	8.681	113	245457	18.826	ng/ul	0.00
21) Nitrobenzene-d5	9.134	128	122175	20.659	ng/ul	0.00
24) 2-Nitrophenol-d4	9.863	143	135148	22.296	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.405	165	232389	20.424	ng/ul	0.00
31) 4-Chloroaniline-d4	10.928	131	350870	18.862	ng/ul	0.00
46) Dimethylphthalate-d6	14.046	166	660548	18.440	ng/ul	0.00
49) Acenaphthylene-d8	14.322	160	785715	19.642	ng/ul	0.00
54) 4-Nitrophenol-d4	14.834	143	143740	18.799	ng/ul	0.00
60) Fluorene-d10	15.622	176	570231	18.873	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.751	200	101645	17.359	ng/ul	0.00
73) Anthracene-d10	17.487	188	842233	18.882	ng/ul	0.00
81) Pyrene-d10	19.786	212	915947	20.545	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.892	264	690317	18.843	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.293	88	34549	7.158	ng/uL	95
5) Pyridine	3.711	79	244821	17.915	ng/ul	98
6) Benzaldehyde	7.087	77	179484	22.150	ng/ul	98
8) Phenol	7.140	94	323671	18.584	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.375	93	258223	18.637	ng/ul	99
12) 2-Chlorophenol	7.516	128	248651	19.793	ng/ul	95
13) 2-Methylphenol	8.411	108	247938	19.041	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.493	45	352563	17.782	ng/ul	100
16) Acetophenone	8.799	105	385333	18.497	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.781	70	206070	18.573	ng/ul	95
18) 4-Methylphenol	8.746	108	271397	18.614	ng/ul	100
19) Hexachloroethane	9.046	117	98071	19.996	ng/ul	99
22) Nitrobenzene	9.181	77	305072	19.536	ng/ul	99
23) Isophorone	9.710	82	590599	19.156	ng/ul	100
25) 2-Nitrophenol	9.899	139	148142	20.709	ng/ul	98
26) 2,4-Dimethylphenol	9.958	107	293643	19.469	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.199	93	352181	18.268	ng/ul	98
29) 2,4-Dichlorophenol	10.434	162	236944	19.968	ng/ul	98
30) Naphthalene	10.840	128	815531	18.876	ng/ul	99
32) 4-Chloroaniline	10.958	127	360484	18.693	ng/ul	99
33) Hexachlorobutadiene	11.116	225	130795	20.088	ng/ul	96
34) Caprolactam	11.740	113	83875	18.191	ng/ul	96
35) 4-Chloro-3-methylphenol	12.081	107	280967	19.640	ng/ul	97
36) 2-Methylnaphthalene	12.457	142	557479	18.684	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.675	142	549399	18.387	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.822	216	257978	19.353	ng/ul	99
40) Hexachlorocyclopentadiene	12.793	237	108473	14.556	ng/ul#	85
41) 2,4,6-Trichlorophenol	13.063	196	180592	19.868	ng/ul	91
42) 2,4,5-Trichlorophenol	13.134	196	199422	19.700	ng/ul	99
43) 1,1'-Biphenyl	13.463	154	701615	18.703	ng/ul	94
44) 2-Chloronaphthalene	13.504	162	556395	18.982	ng/ul	97
45) 2-Nitroaniline	13.716	65	186725	20.563	ng/ul	98
47) Dimethylphthalate	14.087	163	697519	18.115	ng/ul	98
48) 2,6-Dinitrotoluene	14.216	165	147618	20.467	ng/ul	92
50) Acenaphthylene	14.351	152	864165	18.917	ng/ul	97
51) 3-Nitroaniline	14.546	138	174784	20.524	ng/ul	95
52) Acenaphthene	14.698	153	600988	18.552	ng/ul	100
53) 2,4-Dinitrophenol	14.751	184	76672	15.693	ng/ul	98
55) 4-Nitrophenol	14.851	109	112191	18.097	ng/ul	95
56) Dibenzofuran	15.028	168	799596	18.088	ng/ul	96
57) 2,4-Dinitrotoluene	15.004	165	204647	19.368	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.257	232	166315	19.742	ng/ul	95
59) Diethylphthalate	15.451	149	725006	18.537	ng/ul	99
61) Fluorene	15.681	166	669397	18.836	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.675	204	299244	17.971	ng/ul	96
63) 4-Nitroaniline	15.710	138	184557	23.226	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.763	198	104462	16.617	ng/ul	99
67) N-Nitrosodiphenylamine	15.893	169	570366	19.215	ng/ul	97
68) 4-Bromophenyl-phenylether	16.569	248	185750	20.486	ng/ul	90
69) Hexachlorobenzene	16.687	284	214405	19.426	ng/ul	94
70) Atrazine	16.845	200	197413	19.749	ng/ul	97
71) Pentachlorophenol	17.034	266	128625	18.846	ng/ul	89
72) Phenanthrene	17.428	178	1053279	19.023	ng/ul	96
74) Anthracene	17.522	178	1054991	19.183	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.428	216	260068	20.144	ng/uL	99
76) Pentachlorobenzene	14.946	250	269001	19.413	ng/uL	95
77) Carbazole	17.798	167	990485	19.471	ng/ul	98
78) Di-n-butylphthalate	18.357	149	1248606	19.805	ng/ul	99
80) Fluoranthene	19.451	202	1154384	20.627	ng/ul	99
82) Pyrene	19.816	202	1142176	19.508	ng/ul	99
83) Butylbenzylphthalate	20.710	149	585375	23.044	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.504	252	341690	17.644	ng/ul	99
85) Benzo(a)anthracene	21.569	228	1092315	19.090	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.486	149	828486	22.550	ng/ul	100
87) Chrysene	21.622	228	1028270	18.700	ng/ul	97
89) Di-n-octyl phthalate	22.433	149	1468686	27.749	ng/ul	100
90) Benzo(b)fluoranthene	23.298	252	958068	20.335	ng/ul	98
91) Benzo(k)fluoranthene	23.345	252	850782	18.277	ng/ul	99
93) Benzo(a)pyrene	23.945	252	786218	18.671	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.651	276	836077	15.885	ng/ul	98
95) Dibenzo(a,h)anthracene	26.663	278	772701	16.410	ng/ul	96
96) Benzo(g,h,i)perylene	27.439	276	731490	15.448	ng/ul	98

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

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