Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020724\
Data File : BN029542.D
Acq On : 07 Feb 2024 11:58
Operator : MA/JU
Sample : SSTD08012
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD080236

Quant Time: Feb 07 13:58:29 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 07 13:56:26 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.887	152	199071	20.000	ng/ul	0.00
20) Naphthalene-d8	10.687	136	780627	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.534	164	405370	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.281	188	767240	20.000	ng/ul	0.00
79) Chrysene-d12	21.480	240	609623	20.000	ng/ul	0.00
88) Perylene-d12	23.857	264	684209	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.328	96	205588	33.968	ng/uL	0.00
4) Pyridine-d5	3.734	84	1353849	83.878	ng/ul	0.00
7) Phenol-d5	7.058	99	1560531	83.808	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.234	67	1020339	82.107	ng/ul	0.00
11) 2-Chlorophenol-d4	7.416	132	1193240	88.433	ng/ul	0.00
15) 4-Methylphenol-d8	8.605	113	1156647	83.292	ng/ul	0.00
21) Nitrobenzene-d5	9.057	128	571086	94.259	ng/ul	0.00
24) 2-Nitrophenol-d4	9.775	143	541351	102.594	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.310	165	957801	91.961	ng/ul	0.00
31) 4-Chloroaniline-d4	10.834	131	1504670	84.681	ng/ul	0.00
46) Dimethylphthalate-d6	13.957	166	2571799	85.215	ng/ul	0.00
49) Acenaphthylene-d8	14.228	160	3115158	86.916	ng/ul	0.00
54) 4-Nitrophenol-d4	14.745	143	510368	89.098	ng/ul	0.01
60) Fluorene-d10	15.528	176	2109915	82.179	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.657	200	353714	94.615	ng/ul	0.01
73) Anthracene-d10	17.386	188	3087130	85.855	ng/ul	0.00
81) Pyrene-d10	19.680	212	3216875	87.931	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.710	264	3067797	89.605	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.364	88	215438	34.368	ng/uL	98
5) Pyridine	3.758	79	1387070	83.067	ng/ul	94
6) Benzaldehyde	7.034	77	539721	64.267	ng/ul	98
8) Phenol	7.087	94	1593771	83.516	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.328	93	1320043	82.261	ng/ul	98
12) 2-Chlorophenol	7.452	128	1212776	85.668	ng/ul	98
13) 2-Methylphenol	8.334	108	1154530	83.838	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.416	45	1723520	82.240	ng/ul	100
16) Acetophenone	8.722	105	1786810	80.846	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.722	70	971864	85.172	ng/ul	100
18) 4-Methylphenol	8.675	108	1209758	83.134	ng/ul	98
19) Hexachloroethane	8.957	117	558008	84.939	ng/ul	94
22) Nitrobenzene	9.104	77	1520980	88.601	ng/ul	100
23) Isophorone	9.628	82	2706453	90.512	ng/ul	100
25) 2-Nitrophenol	9.810	139	593848	98.553	ng/ul	98
26) 2,4-Dimethylphenol	9.869	107	1273359	88.176	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.116	93	1660734	87.393	ng/ul	99
29) 2,4-Dichlorophenol	10.340	162	950287	88.299	ng/ul	98
30) Naphthalene	10.740	128	3735666	83.723	ng/ul	99
32) 4-Chloroaniline	10.863	127	1485129	84.668	ng/ul	99
33) Hexachlorobutadiene	11.016	225	559546	84.244	ng/ul	94
34) Caprolactam	11.651	113	179304	50.312	ng/ul	96
35) 4-Chloro-3-methylphenol	11.987	107	1140263	91.729	ng/ul	100
36) 2-Methylnaphthalene	12.351	142	2320374	84.834	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.569	142	2294434	84.613	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.716	216	985206	81.993	ng/ul	99
40) Hexachlorocyclopentadiene	12.687	237	679996	86.579	ng/ul	100
41) 2,4,6-Trichlorophenol	12.963	196	652745	94.249	ng/ul	95
42) 2,4,5-Trichlorophenol	13.034	196	718481	92.326	ng/ul	97
43) 1,1'-Biphenyl	13.369	154	2850568	83.382	ng/ul	100
44) 2-Chloronaphthalene	13.410	162	2231596	83.990	ng/ul	99
45) 2-Nitroaniline	13.622	65	777369	99.516	ng/ul	98
47) Dimethylphthalate	14.004	163	2623073	84.906	ng/ul	100
48) 2,6-Dinitrotoluene	14.128	165	544925	98.573	ng/ul	98
50) Acenaphthylene	14.257	152	3635183	84.511	ng/ul	99
51) 3-Nitroaniline	14.451	138	555934	86.406	ng/ul	99
52) Acenaphthene	14.598	153	2340503	82.371	ng/ul	96
53) 2,4-Dinitrophenol	14.657	184	262780	93.667	ng/ul	98
55) 4-Nitrophenol	14.763	109	452941	86.476	ng/ul	97
56) Dibenzofuran	14.934	168	3022263	80.548	ng/ul	98
57) 2,4-Dinitrotoluene	14.910	165	763387	98.083	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.157	232	513625	92.997	ng/ul	97
59) Diethylphthalate	15.375	149	2698527	85.035	ng/ul	97
61) Fluorene	15.586	166	2368656	79.864	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.581	204	1017775	76.725	ng/ul	94
63) 4-Nitroaniline	15.622	138	455626	81.130	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.669	198	381321	92.520	ng/ul	99
67) N-Nitrosodiphenylamine	15.798	169	2043906	85.488	ng/ul	99
68) 4-Bromophenyl-phenylether	16.481	248	641687	88.363	ng/ul	87
69) Hexachlorobenzene	16.575	284	708457	86.552	ng/ul	98
70) Atrazine	16.763	200	632187	84.633	ng/ul	96
71) Pentachlorophenol	16.928	266	431207	90.712	ng/ul	96
72) Phenanthrene	17.328	178	3737852	84.221	ng/ul	99
74) Anthracene	17.422	178	3703140	83.139	ng/ul	95
75) 1,2,3,4-Tetrachloroben...	13.328	216	948874	84.279	ng/uL	95
76) Pentachlorobenzene	14.845	250	860083	85.315	ng/uL	98
77) Carbazole	17.692	167	3454828	84.921	ng/ul	99
78) Di-n-butylphthalate	18.269	149	4577891	93.576	ng/ul	99
80) Fluoranthene	19.345	202	3940410	88.668	ng/ul	98
82) Pyrene	19.710	202	3994947	84.975	ng/ul	99
83) Butylbenzylphthalate	20.627	149	1995196	104.132	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.404	252	996968	84.433	ng/ul	98
85) Benzo(a)anthracene	21.469	228	3867164	86.353	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.416	149	2862088	96.569	ng/ul	100
87) Chrysene	21.521	228	3577570	85.243	ng/ul	99
89) Di-n-octyl phthalate	22.345	149	5072798	95.648	ng/ul	100
90) Benzo(b)fluoranthene	23.139	252	3733437	86.630	ng/ul	99
91) Benzo(k)fluoranthene	23.192	252	3939507	89.309	ng/ul	98
93) Benzo(a)pyrene	23.763	252	3703574	89.611	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	26.333	276	4504247	89.426	ng/ul	95
95) Dibenzo(a,h)anthracene	26.362	278	3586574	87.292	ng/ul	97
96) Benzo(g,h,i)perylene	27.086	276	3735120	88.700	ng/ul	97

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

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