Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110221\
Data File : BN017240.D
Acq On : 02 Nov 2021 14:24
Operator : CG/JU
Sample : SSTD16041
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD160241

Quant Time: Nov 02 15:39:30 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN110221.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 02 15:36:06 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.510	152	219954	20.000	ng/ul	0.00
20) Naphthalene-d8	10.293	136	1003156	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.175	164	641151	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.933	188	1316701	20.000	ng/ul	0.01
79) Chrysene-d12	21.151	240	1206512	20.000	ng/ul	0.01
88) Perylene-d12	23.351	264	1448356	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.034	96	351377	57.867	ng/uL	0.00
4) Pyridine-d5	3.428	84	2502800	153.883	ng/ul	0.00
7) Phenol-d5	6.716	99	3274488	160.210	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	6.875	67	1823863	150.342	ng/ul	0.01
11) 2-Chlorophenol-d4	7.058	132	2600238	161.772	ng/ul	0.01
15) 4-Methylphenol-d8	8.252	113	2576945	154.449	ng/ul	0.02
21) Nitrobenzene-d5	8.681	128	1321250	170.069	ng/ul	0.02
24) 2-Nitrophenol-d4	9.393	143	1520380	176.775	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	9.928	165	2481944	157.514	ng/ul	0.01
31) 4-Chloroaniline-d4	10.446	131	3623673	154.406	ng/ul	0.01
46) Dimethylphthalate-d6	13.610	166	6852190	142.760	ng/ul	0.02
49) Acenaphthylene-d8	13.869	160	8452515	139.695	ng/ul	0.01
54) 4-Nitrophenol-d4	14.434	143	1517431	160.223	ng/ul	0.04
60) Fluorene-d10	15.181	176	5571194	135.896	ng/ul	0.01
65) 4,6-Dinitro-2-methylph...	15.328	200	1403251	164.583	ng/ul	0.02
73) Anthracene-d10	17.039	188	8490413	133.558	ng/ul	0.02
81) Pyrene-d10	19.339	212	9725595	137.447	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.221	264	10787341	140.138	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.070	88	350289	58.335	ng/uL	94
5) Pyridine	3.446	79	2511915	152.612	ng/ul	98
6) Benzaldehyde	6.663	77	777827	63.871	ng/ul	100
8) Phenol	6.746	94	3195046	154.525	ng/ul	98
10) Bis(2-Chloroethyl)ether	6.969	93	2431711	149.674	ng/ul	97
12) 2-Chlorophenol	7.087	128	2575754	154.961	ng/ul	100
13) 2-Methylphenol	7.975	108	2445177	155.438	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.057	45	3495747	146.664	ng/ul	98
16) Acetophenone	8.352	105	3522673	142.459	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.369	70	1835307	147.850	ng/ul	96
18) 4-Methylphenol	8.328	108	2563643	147.514	ng/ul	98
19) Hexachloroethane	8.575	117	994815	155.406	ng/ul	97
22) Nitrobenzene	8.722	77	2719256	155.656	ng/ul	97
23) Isophorone	9.257	82	5443630	153.475	ng/ul	100
25) 2-Nitrophenol	9.428	139	1525326	162.884	ng/ul	95
26) 2,4-Dimethylphenol	9.504	107	2816981	150.104	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.740	93	3252125	143.351	ng/ul	99
29) 2,4-Dichlorophenol	9.957	162	2361352	150.890	ng/ul	99
30) Naphthalene	10.346	128	7625330	139.712	ng/ul	98
32) 4-Chloroaniline	10.475	127	3513246	151.323	ng/ul	100
33) Hexachlorobutadiene	10.628	225	1445312	151.666	ng/ul	98
34) Caprolactam	11.287	113	490353	87.081	ng/ul	97
35) 4-Chloro-3-methylphenol	11.628	107	2707890	155.523	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	11.969	142	5179406	137.456	ng/ul	98
37) 1-Methylnaphthalene	12.193	142	5289224	136.267	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.351	216	2748885	147.097	ng/ul	98
40) Hexachlorocyclopentadiene	12.322	237	1952936	164.431	ng/ul	95
41) 2,4,6-Trichlorophenol	12.598	196	1931047	159.371	ng/ul	99
42) 2,4,5-Trichlorophenol	12.675	196	2084698	154.501	ng/ul	91
43) 1,1'-Biphenyl	13.010	154	6570659	132.363	ng/ul	96
44) 2-Chloronaphthalene	13.045	162	5230677	138.355	ng/ul	99
45) 2-Nitroaniline	13.269	65	1800672	174.965	ng/ul	96
47) Dimethylphthalate	13.663	163	6684872	138.676	ng/ul	99
48) 2,6-Dinitrotoluene	13.787	165	1597546	168.771	ng/ul	99
50) Acenaphthylene	13.898	152	8263730	133.348	ng/ul	98
51) 3-Nitroaniline	14.110	138	1365857	124.668	ng/ul	97
52) Acenaphthene	14.245	153	5422761	135.320	ng/ul	97
53) 2,4-Dinitrophenol	14.316	184	1136025	187.640	ng/ul	97
55) 4-Nitrophenol	14.451	109	1042598	156.002	ng/ul	93
56) Dibenzofuran	14.587	168	7239753	126.536	ng/ul	94
57) 2,4-Dinitrotoluene	14.575	165	2033885	148.990	ng/ul#	86
58) 2,3,4,6-Tetrachlorophenol	14.816	232	1779535	159.760	ng/ul	99
59) Diethylphthalate	15.039	149	6766991	140.777	ng/ul	99
61) Fluorene	15.239	166	5341060	118.427	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.239	204	2672105	120.491	ng/ul	99
63) 4-Nitroaniline	15.292	138	1126677	104.073	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.345	198	1361432	160.042	ng/ul#	98
67) N-Nitrosodiphenylamine	15.463	169	5420422	135.248	ng/ul	99
68) 4-Bromophenyl-phenylether	16.134	248	2085758	148.650	ng/ul	97
69) Hexachlorobenzene	16.239	284	2368095	145.031	ng/ul	95
70) Atrazine	16.439	200	2195958	149.327	ng/ul	98
71) Pentachlorophenol	16.586	266	1650723	168.400	ng/ul	96
72) Phenanthrene	16.981	178	9668723	133.275	ng/ul	98
74) Anthracene	17.075	178	9401451	127.970	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.963	216	2809510	145.963	ng/uL	95
76) Pentachlorobenzene	14.504	250	2797227	143.506	ng/uL	99
77) Carbazole	17.351	167	9140686	140.924	ng/ul	98
78) Di-n-butylphthalate	17.928	149	11139336	145.287	ng/ul	98
80) Fluoranthene	19.010	202	11226538	132.861	ng/ul	98
82) Pyrene	19.375	202	10518641	121.616	ng/ul	99
83) Butylbenzylphthalate	20.298	149	5323437	165.302	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.080	252	3599895	134.036	ng/ul#	93
85) Benzo(a)anthracene	21.133	228	10728224	135.074	ng/ul	93
86) Bis(2-ethylhexyl)phtha...	21.086	149	6448291	132.668	ng/ul#	97
87) Chrysene	21.192	228	10289431	131.443	ng/ul	97
89) Di-n-octyl phthalate	21.963	149	12619938	119.213	ng/ul	100
90) Benzo(b)fluoranthene	22.704	252	13140093	134.385	ng/ul	97
91) Benzo(k)fluoranthene	22.751	252	11380810	119.657	ng/ul	99
93) Benzo(a)pyrene	23.280	252	12241131	130.106	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.586	276	7890402	82.209	ng/ul	99
95) Dibenzo(a,h)anthracene	25.621	278	11941696	147.193	ng/ul	97
96) Benzo(g,h,i)perylene	26.286	276	12392648	154.205	ng/ul	99

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

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