Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122023\
Data File : BP018982.D
Acq On : 21 Dec 2023 03:55
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020738

Quant Time: Dec 21 04:44:37 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 21 04:46:12 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.822	152	143115	20.000	ng/ul	0.00
20) Naphthalene-d8	10.616	136	522204	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.457	164	323061	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.210	188	755654	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.298	240	903442	20.000	ng/ul	# 0.00
88) Perylene-d12	23.657	264	1127447	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	31254	7.442	ng/uL	0.00
4) Pyridine-d5	3.669	84	217776	19.359	ng/ul	0.00
7) Phenol-d5	6.999	99	261319	18.195	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.163	67	149779	17.596	ng/ul	0.00
11) 2-Chlorophenol-d4	7.352	132	210392	18.774	ng/ul	0.00
15) 4-Methylphenol-d8	8.540	113	203029	17.468	ng/ul	0.00
21) Nitrobenzene-d5	8.987	128	98921	21.283	ng/ul	0.00
24) 2-Nitrophenol-d4	9.704	143	109263	22.675	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.246	165	214809	21.801	ng/ul	0.00
31) 4-Chloroaniline-d4	10.763	131	254855	19.792	ng/ul	0.00
46) Dimethylphthalate-d6	13.875	166	592186	20.538	ng/ul	0.00
49) Acenaphthylene-d8	14.151	160	670259	21.111	ng/ul	0.00
54) 4-Nitrophenol-d4	14.669	143	104897	22.163	ng/ul	0.00
60) Fluorene-d10	15.451	176	515643	21.305	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.575	200	105445	23.272	ng/ul	0.00
73) Anthracene-d10	17.304	188	844508	21.258	ng/ul	0.00
81) Pyrene-d10	19.545	212	1089017	15.485	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.504	264	1348158	20.508	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.287	88	34209	7.428	ng/uL	93
5) Pyridine	3.687	79	219705	19.340	ng/ul	99
6) Benzaldehyde	6.963	77	145751	19.656	ng/ul	98
8) Phenol	7.028	94	257676	18.295	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.252	93	205075	17.729	ng/ul	100
12) 2-Chlorophenol	7.387	128	211331	18.633	ng/ul	97
13) 2-Methylphenol	8.275	108	192880	17.888	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.352	45	240290	16.372	ng/ul	97
16) Acetophenone	8.652	105	308371	17.802	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.634	70	146291	15.352	ng/ul	96
18) 4-Methylphenol	8.604	108	204747	17.389	ng/ul	98
19) Hexachloroethane	8.899	117	91321	19.640	ng/ul	83
22) Nitrobenzene	9.028	77	231516	20.488	ng/ul	100
23) Isophorone	9.557	82	418377	18.159	ng/ul	97
25) 2-Nitrophenol	9.734	139	114793	22.249	ng/ul	96
26) 2,4-Dimethylphenol	9.804	107	194834	19.309	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.040	93	259239	17.822	ng/ul	99
29) 2,4-Dichlorophenol	10.269	162	206072	21.713	ng/ul	98
30) Naphthalene	10.669	128	645450	20.375	ng/ul	100
32) 4-Chloroaniline	10.787	127	247438	20.161	ng/ul	98
33) Hexachlorobutadiene	10.951	225	163150	25.668	ng/ul	99
34) Caprolactam	11.563	113	62383	21.436	ng/ul	89
35) 4-Chloro-3-methylphenol	11.916	107	198416	18.662	ng/ul	98
36) 2-Methylnaphthalene	12.281	142	435676	19.413	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.498	142	438857	19.363	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.645	216	281659	24.030	ng/ul	97
40) Hexachlorocyclopentadiene	12.622	237	150361	21.643	ng/ul	99
41) 2,4,6-Trichlorophenol	12.893	196	168985	22.411	ng/ul	99
42) 2,4,5-Trichlorophenol	12.963	196	184603	22.583	ng/ul	97
43) 1,1'-Biphenyl	13.293	154	580259	20.768	ng/ul	99
44) 2-Chloronaphthalene	13.334	162	478567	21.687	ng/ul	99
45) 2-Nitroaniline	13.545	65	120229	20.097	ng/ul	98
47) Dimethylphthalate	13.922	163	586669	20.670	ng/ul	100
48) 2,6-Dinitrotoluene	14.045	165	117168	21.850	ng/ul	94
50) Acenaphthylene	14.181	152	744732	20.863	ng/ul	99
51) 3-Nitroaniline	14.369	138	115214	21.524	ng/ul	100
52) Acenaphthene	14.522	153	492561	20.869	ng/ul	99
53) 2,4-Dinitrophenol	14.581	184	68940	24.258	ng/ul	94
55) 4-Nitrophenol	14.687	109	90315	25.258	ng/ul	87
56) Dibenzofuran	14.857	168	700651	21.359	ng/ul	100
57) 2,4-Dinitrotoluene	14.828	165	172134	22.821	ng/ul#	94
58) 2,3,4,6-Tetrachlorophenol	15.087	232	162840	23.749	ng/ul	92
59) Diethylphthalate	15.287	149	567034	20.416	ng/ul	98
61) Fluorene	15.504	166	567949	21.881	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.504	204	313087	22.999	ng/ul	95
63) 4-Nitroaniline	15.534	138	122723	24.066	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.592	198	112186	23.159	ng/ul	95
67) N-Nitrosodiphenylamine	15.716	169	481151	19.215	ng/ul	99
68) 4-Bromophenyl-phenylether	16.398	248	203565	21.338	ng/ul	96
69) Hexachlorobenzene	16.510	284	244796	22.983	ng/ul	95
70) Atrazine	16.675	200	138003	18.538	ng/ul	99
71) Pentachlorophenol	16.857	266	151575	23.928	ng/ul	98
72) Phenanthrene	17.251	178	946155	20.732	ng/ul	99
74) Anthracene	17.339	178	960091	20.987	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.257	216	279867	21.420	ng/uL	99
76) Pentachlorobenzene	14.775	250	280159	21.828	ng/uL	99
77) Carbazole	17.616	167	869436	23.847	ng/ul	99
78) Di-n-butylphthalate	18.169	149	979835	20.183	ng/ul	100
80) Fluoranthene	19.222	202	1232907	14.831	ng/ul#	94
82) Pyrene	19.575	202	1307635	15.593	ng/ul#	91
83) Butylbenzylphthalate	20.451	149	484829	15.792	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.221	252	508351	23.155	ng/ul	99
85) Benzo(a)anthracene	21.286	228	1493296	20.364	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.210	149	715592	16.958	ng/ul	99
87) Chrysene	21.333	228	1390105	20.585	ng/ul	100
89) Di-n-octyl phthalate	22.121	149	1306044	15.866	ng/ul	100
90) Benzo(b)fluoranthene	22.939	252	1606392	19.324	ng/ul#	97
91) Benzo(k)fluoranthene	22.986	252	1573686	19.566	ng/ul#	97
93) Benzo(a)pyrene	23.557	252	1525174	20.080	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.115	276	1982397	21.844	ng/ul#	94
95) Dibenzo(a,h)anthracene	26.133	278	1645292	21.794	ng/ul#	96
96) Benzo(g,h,i)perylene	26.868	276	1590578	21.778	ng/ul#	94

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

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