Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071422\
Data File : BP010970.D
Acq On : 14 Jul 2022 13:14
Operator : CG/JU
Sample : SSTD02019
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020619

Quant Time: Jul 14 13:53:16 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071422.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 14 13:50:37 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.687	152	406270	20.000	ng/ul	0.00
20) Naphthalene-d8	10.481	136	1761881	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.351	164	1020730	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.116	188	2055791	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.239	240	2035132	20.000	ng/ul	# 0.00
88) Perylene-d12	23.598	264	2025070	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	82662	7.697	ng/uL	0.00
4) Pyridine-d5	3.593	84	517151	18.089	ng/ul	0.00
7) Phenol-d5	6.863	99	590512	18.361	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.028	67	388364	18.465	ng/ul	0.00
11) 2-Chlorophenol-d4	7.222	132	494114	18.518	ng/ul	0.00
15) 4-Methylphenol-d8	8.404	113	473693	18.632	ng/ul	0.00
21) Nitrobenzene-d5	8.846	128	224816	20.044	ng/ul	0.00
24) 2-Nitrophenol-d4	9.569	143	222241	23.950	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.104	165	415391	18.117	ng/ul	0.00
31) 4-Chloroaniline-d4	10.628	131	682704	18.241	ng/ul	0.00
46) Dimethylphthalate-d6	13.769	166	1240364	17.740	ng/ul	0.00
49) Acenaphthylene-d8	14.039	160	1487158	16.665	ng/ul	0.00
54) 4-Nitrophenol-d4	14.563	143	239377	21.919	ng/ul	0.00
60) Fluorene-d10	15.351	176	1052739	17.545	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.475	200	159454	23.411	ng/ul	0.00
73) Anthracene-d10	17.216	188	1564765	17.108	ng/ul	0.00
81) Pyrene-d10	19.474	212	1822058	16.433	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.451	264	1732962	17.317	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.216	88	84757	7.400	ng/uL#	88
5) Pyridine	3.611	79	539870	18.642	ng/ul#	76
6) Benzaldehyde	6.834	77	360887	21.267	ng/ul	98
8) Phenol	6.893	94	636010	18.490	ng/ul#	84
10) Bis(2-Chloroethyl)ether	7.122	93	511410	18.512	ng/ul	89
12) 2-Chlorophenol	7.252	128	504924	18.332	ng/ul	92
13) 2-Methylphenol	8.134	108	465574	18.181	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.216	45	705712	19.039	ng/ul	98
16) Acetophenone	8.516	105	744891	19.078	ng/ul#	87
17) N-Nitroso-di-n-propyla...	8.504	70	376572	19.074	ng/ul	92
18) 4-Methylphenol	8.463	108	505769	18.965	ng/ul	99
19) Hexachloroethane	8.757	117	199481	17.884	ng/ul#	79
22) Nitrobenzene	8.893	77	542177	19.370	ng/ul	91
23) Isophorone	9.422	82	1006192	17.142	ng/ul	97
25) 2-Nitrophenol	9.598	139	251708	22.400	ng/ul#	83
26) 2,4-Dimethylphenol	9.669	107	539218	17.563	ng/ul	95
27) Bis(2-Chloroethoxy)met...	9.904	93	667809	18.035	ng/ul	98
29) 2,4-Dichlorophenol	10.134	162	428708	17.994	ng/ul	99
30) Naphthalene	10.534	128	1595624	17.376	ng/ul	100
32) 4-Chloroaniline	10.651	127	673942	18.175	ng/ul	98
33) Hexachlorobutadiene	10.816	225	245829	16.151	ng/ul	97
34) Caprolactam	11.445	113	143477	19.170	ng/ul	91
35) 4-Chloro-3-methylphenol	11.787	107	483017	18.706	ng/ul	92
36) 2-Methylnaphthalene	12.151	142	1038314	17.462	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.375	142	1041911	17.637	ng/ul#	99
39) 1,2,4,5-Tetrachloroben...	12.522	216	470296	16.034	ng/ul#	97
40) Hexachlorocyclopentadiene	12.504	237	274581	14.773	ng/ul	97
41) 2,4,6-Trichlorophenol	12.769	196	306562	18.128	ng/ul	97
42) 2,4,5-Trichlorophenol	12.839	196	338346	18.644	ng/ul	100
43) 1,1'-Biphenyl	13.181	154	1352602	16.833	ng/ul#	98
44) 2-Chloronaphthalene	13.216	162	1009113	16.671	ng/ul	99
45) 2-Nitroaniline	13.434	65	292138	22.747	ng/ul#	78
47) Dimethylphthalate	13.816	163	1250367	17.857	ng/ul	98
48) 2,6-Dinitrotoluene	13.934	165	226092	21.550	ng/ul	97
50) Acenaphthylene	14.069	152	1670706	17.095	ng/ul	99
51) 3-Nitroaniline	14.263	138	268854	21.375	ng/ul	90
52) Acenaphthene	14.416	153	1083762	17.186	ng/ul	99
53) 2,4-Dinitrophenol	14.469	184	109814	27.264	ng/ul	85
55) 4-Nitrophenol	14.575	109	187637	21.607	ng/ul#	75
56) Dibenzofuran	14.751	168	1504147	17.413	ng/ul	96
57) 2,4-Dinitrotoluene	14.722	165	328572	23.438	ng/ul	88
58) 2,3,4,6-Tetrachlorophenol	14.981	232	266632	20.517	ng/ul#	87
59) Diethylphthalate	15.192	149	1271614	18.266	ng/ul	98
61) Fluorene	15.404	166	1210923	17.581	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.404	204	556739	17.267	ng/ul	95
63) 4-Nitroaniline	15.433	138	261383	22.476	ng/ul#	77
66) 4,6-Dinitro-2-methylph...	15.486	198	168918	22.951	ng/ul	98
67) N-Nitrosodiphenylamine	15.628	169	1041670	16.729	ng/ul	97
68) 4-Bromophenyl-phenylether	16.310	248	323175	15.686	ng/ul	97
69) Hexachlorobenzene	16.410	284	377953	15.838	ng/ul#	92
70) Atrazine	16.592	200	354257	17.160	ng/ul	98
71) Pentachlorophenol	16.763	266	218727	17.800	ng/ul	98
72) Phenanthrene	17.163	178	1884490	17.214	ng/ul	98
74) Anthracene	17.251	178	1902305	17.277	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.134	216	490179	14.449	ng/uL	97
76) Pentachlorobenzene	14.669	250	452310	15.546	ng/uL	98
77) Carbazole	17.533	167	1803484	18.196	ng/ul	99
78) Di-n-butylphthalate	18.104	149	2187008	18.517	ng/ul	99
80) Fluoranthene	19.145	202	2183154	16.010	ng/ul#	86
82) Pyrene	19.504	202	2252552	16.357	ng/ul#	84
83) Butylbenzylphthalate	20.404	149	976428	20.144	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.168	252	666474	15.859	ng/ul#	99
85) Benzo(a)anthracene	21.227	228	2174892	17.088	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.168	149	1498566	19.523	ng/ul#	96
87) Chrysene	21.280	228	2145549	17.591	ng/ul	100
89) Di-n-octyl phthalate	22.086	149	2446515	20.353	ng/ul	100
90) Benzo(b)fluoranthene	22.880	252	2200984	17.477	ng/ul#	96
91) Benzo(k)fluoranthene	22.927	252	2118368	17.697	ng/ul#	95
93) Benzo(a)pyrene	23.498	252	2132164	17.405	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	26.045	276	2463244	16.663	ng/ul#	90
95) Dibenzo(a,h)anthracene	26.068	278	2130676	16.804	ng/ul#	92
96) Benzo(g,h,i)perylene	26.792	276	2103922	16.732	ng/ul#	87

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

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