Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071322\
Data File : BP010961.D
Acq On : 13 Jul 2022 11:15
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020698

Quant Time: Jul 14 02:44:17 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062322.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 06 23:13:53 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.704	152	492864	20.000	ng/ul	0.00
20) Naphthalene-d8	10.498	136	2203607	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.363	164	1294747	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.128	188	2697442	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.245	240	2706590	20.000	ng/ul	# 0.00
88) Perylene-d12	23.604	264	2854292	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	94699	7.268	ng/uL	0.00
4) Pyridine-d5	3.605	84	636831	18.362	ng/ul	0.00
7) Phenol-d5	6.881	99	737377	18.900	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.046	67	478902	18.769	ng/ul	0.00
11) 2-Chlorophenol-d4	7.240	132	599135	18.509	ng/ul	0.00
15) 4-Methylphenol-d8	8.422	113	604002	19.584	ng/ul	0.00
21) Nitrobenzene-d5	8.869	128	282975	20.172	ng/ul	0.00
24) 2-Nitrophenol-d4	9.587	143	264831	22.819	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.122	165	511031	17.821	ng/ul	0.00
31) 4-Chloroaniline-d4	10.645	131	861336	18.401	ng/ul	0.00
46) Dimethylphthalate-d6	13.781	166	1563760	17.632	ng/ul	0.00
49) Acenaphthylene-d8	14.051	160	1891485	16.710	ng/ul	0.00
54) 4-Nitrophenol-d4	14.575	143	297922	21.506	ng/ul	0.00
60) Fluorene-d10	15.357	176	1353816	17.787	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.481	200	203642	22.787	ng/ul	0.00
73) Anthracene-d10	17.227	188	2055376	17.126	ng/ul	0.00
81) Pyrene-d10	19.474	212	2414890	16.377	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.451	264	2410556	17.090	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.234	88	98171	7.065	ng/uL#	92
5) Pyridine	3.628	79	663758	18.893	ng/ul#	76
6) Benzaldehyde	6.852	77	445465	21.639	ng/ul	96
8) Phenol	6.904	94	802782	19.238	ng/ul#	85
10) Bis(2-Chloroethyl)ether	7.140	93	624733	18.641	ng/ul	89
12) 2-Chlorophenol	7.269	128	626704	18.756	ng/ul	92
13) 2-Methylphenol	8.152	108	581301	18.712	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.246	45	862082	19.172	ng/ul#	97
16) Acetophenone	8.534	105	933833	19.715	ng/ul#	89
17) N-Nitroso-di-n-propyla...	8.522	70	468083	19.544	ng/ul	90
18) 4-Methylphenol	8.487	108	646639	19.988	ng/ul	97
19) Hexachloroethane	8.775	117	233121	17.228	ng/ul#	79
22) Nitrobenzene	8.910	77	683248	19.517	ng/ul	92
23) Isophorone	9.440	82	1252970	17.067	ng/ul	98
25) 2-Nitrophenol	9.616	139	308725	21.966	ng/ul#	82
26) 2,4-Dimethylphenol	9.687	107	681686	17.753	ng/ul	96
27) Bis(2-Chloroethoxy)met...	9.922	93	816015	17.620	ng/ul	97
29) 2,4-Dichlorophenol	10.151	162	532904	17.884	ng/ul	99
30) Naphthalene	10.551	128	1988637	17.315	ng/ul	99
32) 4-Chloroaniline	10.669	127	858788	18.517	ng/ul	98
33) Hexachlorobutadiene	10.834	225	294144	15.451	ng/ul	95
34) Caprolactam	11.457	113	185206	19.785	ng/ul	87
35) 4-Chloro-3-methylphenol	11.804	107	617583	19.123	ng/ul	93
36) 2-Methylnaphthalene	12.169	142	1301561	17.501	ng/ul	99

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.392	142	1312071	17.758	ng/ul#	100
39)	1,2,4,5-Tetrachloroben...	12.540	216	587062	15.779	ng/ul	98
40)	Hexachlorocyclopentadiene	12.516	237	314838	13.354	ng/ul	96
41)	2,4,6-Trichlorophenol	12.787	196	384858	17.941	ng/ul	98
42)	2,4,5-Trichlorophenol	12.857	196	419227	18.212	ng/ul	100
43)	1,1'-Biphenyl	13.192	154	1684836	16.530	ng/ul#	98
44)	2-Chloronaphthalene	13.228	162	1268900	16.526	ng/ul	97
45)	2-Nitroaniline	13.445	65	369930	22.708	ng/ul#	79
47)	Dimethylphthalate	13.828	163	1576734	17.752	ng/ul	98
48)	2,6-Dinitrotoluene	13.945	165	287537	21.606	ng/ul	97
50)	Acenaphthylene	14.081	152	2119381	17.096	ng/ul	98
51)	3-Nitroaniline	14.275	138	338164	21.195	ng/ul	89
52)	Acenaphthene	14.428	153	1387748	17.349	ng/ul	98
53)	2,4-Dinitrophenol	14.481	184	126755	24.810	ng/ul#	83
55)	4-Nitrophenol	14.586	109	233673	21.214	ng/ul#	75
56)	Dibenzofuran	14.763	168	1928350	17.600	ng/ul	97
57)	2,4-Dinitrotoluene	14.733	165	435472	24.489	ng/ul	86
58)	2,3,4,6-Tetrachlorophenol	14.992	232	328585	19.933	ng/ul#	89
59)	Diethylphthalate	15.204	149	1587545	17.978	ng/ul	98
61)	Fluorene	15.416	166	1553303	17.779	ng/ul	97
62)	4-Chlorophenyl-phenyle...	15.416	204	699560	17.105	ng/ul	96
63)	4-Nitroaniline	15.445	138	335160	22.720	ng/ul#	77
66)	4,6-Dinitro-2-methylph...	15.498	198	214577	22.219	ng/ul	96
67)	N-Nitrosodiphenylamine	15.633	169	1334090	16.329	ng/ul	98
68)	4-Bromophenyl-phenylether	16.316	248	409352	15.142	ng/ul	96
69)	Hexachlorobenzene	16.422	284	482856	15.421	ng/ul	96
70)	Atrazine	16.604	200	449067	16.578	ng/ul	98
71)	Pentachlorophenol	16.769	266	270049	16.749	ng/ul	96
72)	Phenanthrene	17.169	178	2498997	17.397	ng/ul	99
74)	Anthracene	17.263	178	2501667	17.316	ng/ul	99
75)	1,2,3,4-Tetrachloroben...	13.151	216	617759	13.878	ng/uL	97
76)	Pentachlorobenzene	14.675	250	571658	14.974	ng/uL	99
77)	Carbazole	17.539	167	2374434	18.258	ng/ul	99
78)	Di-n-butylphthalate	18.104	149	2648497	17.090	ng/ul	99
80)	Fluoranthene	19.151	202	2925171	16.130	ng/ul#	87
82)	Pyrene	19.504	202	3024091	16.512	ng/ul#	83
83)	Butylbenzylphthalate	20.398	149	1227509	19.041	ng/ul	97
84)	3,3'-Dichlorobenzidine	21.168	252	944941	16.907	ng/ul#	98
85)	Benzo(a)anthracene	21.227	228	2912265	17.204	ng/ul	97
86)	Bis(2-ethylhexyl)phtha...	21.168	149	1819266	17.821	ng/ul#	97
87)	Chrysene	21.280	228	2853801	17.593	ng/ul	100
89)	Di-n-octyl phthalate	22.080	149	3131563	18.484	ng/ul	100
90)	Benzo(b)fluoranthene	22.880	252	3067346	17.281	ng/ul#	95
91)	Benzo(k)fluoranthene	22.927	252	2979128	17.657	ng/ul#	94
93)	Benzo(a)pyrene	23.498	252	2989295	17.312	ng/ul#	95
94)	Indeno(1,2,3-cd)pyrene	26.051	276	3171389	15.221	ng/ul#	89
95)	Dibenzo(a,h)anthracene	26.074	278	2746038	15.365	ng/ul#	92
96)	Benzo(g,h,i)perylene	26.803	276	2641029	14.901	ng/ul#	89

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

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