Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122422\
Data File : BP013308.D
Acq On : 24 Dec 2022 20:20
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020720

Quant Time: Dec 25 01:16:24 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 24 00:19:17 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.940	152	622752	20.000	ng/ul	0.00
20) Naphthalene-d8	10.752	136	2561426	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.587	164	1466307	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.345	188	2547348	20.000	ng/ul	0.00
79) Chrysene-d12	21.433	240	2424483	20.000	ng/ul	0.00
88) Perylene-d12	23.916	264	2820238	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.328	96	107298	7.367	ng/uL	0.00
4) Pyridine-d5	3.758	84	826885	19.985	ng/ul	0.00
7) Phenol-d5	7.105	99	1008269	19.877	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.264	67	608330	19.881	ng/ul	0.00
11) 2-Chlorophenol-d4	7.469	132	812090	20.337	ng/ul	0.00
15) 4-Methylphenol-d8	8.652	113	786339	18.919	ng/ul	0.00
21) Nitrobenzene-d5	9.110	128	390151	20.731	ng/ul	0.00
24) 2-Nitrophenol-d4	9.834	143	441958	20.860	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.375	165	827480	20.107	ng/ul	0.00
31) 4-Chloroaniline-d4	10.893	131	989155	17.026	ng/ul	0.00
46) Dimethylphthalate-d6	13.993	166	2119875	18.811	ng/ul	0.00
49) Acenaphthylene-d8	14.281	160	2458287	19.852	ng/ul	0.00
54) 4-Nitrophenol-d4	14.787	143	293967	14.502	ng/ul	0.00
60) Fluorene-d10	15.581	176	1696257	17.792	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.698	200	247576	15.103	ng/ul	0.00
73) Anthracene-d10	17.445	188	2254697	19.619	ng/ul	0.00
81) Pyrene-d10	19.675	212	2521072	18.116	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.751	264	2723413	19.374	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.364	88	112834	7.421	ng/uL	92
5) Pyridine	3.775	79	828075	20.138	ng/ul	95
6) Benzaldehyde	7.075	77	392316	19.752	ng/ul	96
8) Phenol	7.128	94	1020823	19.904	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.358	93	798738	18.975	ng/ul	95
12) 2-Chlorophenol	7.499	128	821721	20.067	ng/ul	95
13) 2-Methylphenol	8.387	108	772828	19.328	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.469	45	1200032	20.775	ng/ul	98
16) Acetophenone	8.769	105	1238604	19.436	ng/ul#	95
17) N-Nitroso-di-n-propyla...	8.752	70	622990	19.440	ng/ul	94
18) 4-Methylphenol	8.716	108	837754	18.916	ng/ul	97
19) Hexachloroethane	9.022	117	319365	19.517	ng/ul	96
22) Nitrobenzene	9.152	77	926882	20.989	ng/ul	97
23) Isophorone	9.681	82	1690384	18.930	ng/ul	97
25) 2-Nitrophenol	9.863	139	466571	20.324	ng/ul	92
26) 2,4-Dimethylphenol	9.922	107	897409	20.035	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.157	93	1079696	18.910	ng/ul	99
29) 2,4-Dichlorophenol	10.399	162	807851	20.040	ng/ul	98
30) Naphthalene	10.805	128	2619410	19.554	ng/ul	99
32) 4-Chloroaniline	10.916	127	994964	17.306	ng/ul	100
33) Hexachlorobutadiene	11.087	225	570404	20.608	ng/ul	99
34) Caprolactam	11.704	113	208230	15.149	ng/ul	94
35) 4-Chloro-3-methylphenol	12.040	107	764525	18.584	ng/ul	99
36) 2-Methylnaphthalene	12.410	142	1724525	18.765	ng/ul	100

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.628	142	1745554	18.469	ng/ul	98
39)	1,2,4,5-Tetrachloroben...	12.775	216	1055412	22.353	ng/ul	99
40)	Hexachlorocyclopentadiene	12.751	237	232113	7.554	ng/ul	100
41)	2,4,6-Trichlorophenol	13.016	196	639286	21.068	ng/ul	99
42)	2,4,5-Trichlorophenol	13.093	196	666566	20.451	ng/ul	99
43)	1,1'-Biphenyl	13.416	154	2293236	20.824	ng/ul	99
44)	2-Chloronaphthalene	13.463	162	1812439	20.911	ng/ul	99
45)	2-Nitroaniline	13.669	65	458234	21.806	ng/ul	98
47)	Dimethylphthalate	14.040	163	2113343	18.921	ng/ul	99
48)	2,6-Dinitrotoluene	14.163	165	407500	19.632	ng/ul	99
50)	Acenaphthylene	14.304	152	2639310	19.825	ng/ul	100
51)	3-Nitroaniline	14.493	138	343696	17.535	ng/ul	95
52)	Acenaphthene	14.651	153	1799769	19.509	ng/ul	99
53)	2,4-Dinitrophenol	14.698	184	140882	9.929	ng/ul	96
55)	4-Nitrophenol	14.804	109	223961	16.192	ng/ul	94
56)	Dibenzofuran	14.987	168	2498867	19.051	ng/ul	100
57)	2,4-Dinitrotoluene	14.951	165	525241	17.420	ng/ul	96
58)	2,3,4,6-Tetrachlorophenol	15.210	232	526289	17.693	ng/ul	98
59)	Diethylphthalate	15.404	149	1935786	17.829	ng/ul	99
61)	Fluorene	15.634	166	1935191	18.396	ng/ul	99
62)	4-Chlorophenyl-phenyle...	15.628	204	1065932	19.161	ng/ul	100
63)	4-Nitroaniline	15.657	138	290717	16.856	ng/ul	93
66)	4,6-Dinitro-2-methylph...	15.716	198	242302	15.126	ng/ul	98
67)	N-Nitrosodiphenylamine	15.840	169	1594325	22.575	ng/ul	98
68)	4-Bromophenyl-phenylether	16.528	248	609952	22.049	ng/ul	99
69)	Hexachlorobenzene	16.645	284	680962	20.731	ng/ul	100
70)	Atrazine	16.798	200	546412	19.854	ng/ul	99
71)	Pentachlorophenol	16.992	266	365659	18.382	ng/ul	99
72)	Phenanthrene	17.387	178	2613238	19.696	ng/ul	100
74)	Anthracene	17.481	178	2622422	19.795	ng/ul	100
75)	1,2,3,4-Tetrachloroben...	13.381	216	1010970	27.817	ng/uL	99
76)	Pentachlorobenzene	14.904	250	921884	24.879	ng/uL	99
77)	Carbazole	17.751	167	2181218	19.550	ng/ul	99
78)	Di-n-butylphthalate	18.286	149	2564152	18.875	ng/ul	100
80)	Fluoranthene	19.351	202	2884831	18.264	ng/ul	99
82)	Pyrene	19.704	202	3050412	18.722	ng/ul	100
83)	Butylbenzylphthalate	20.569	149	1052776	16.725	ng/ul	98
84)	3,3'-Dichlorobenzidine	21.345	252	949183	17.330	ng/ul	99
85)	Benzo(a)anthracene	21.416	228	3230546	20.072	ng/ul	99
86)	Bis(2-ethylhexyl)phtha...	21.327	149	1504891	16.949	ng/ul	99
87)	Chrysene	21.475	228	3011463	19.785	ng/ul	100
89)	Di-n-octyl phthalate	22.275	149	2745164	17.375	ng/ul	100
90)	Benzo(b)fluoranthene	23.157	252	3420674	19.021	ng/ul	99
91)	Benzo(k)fluoranthene	23.204	252	3302576	18.519	ng/ul	99
93)	Benzo(a)pyrene	23.804	252	3027374	19.333	ng/ul	100
94)	Indeno(1,2,3-cd)pyrene	26.510	276	4040930	20.717	ng/ul	98
95)	Dibenzo(a,h)anthracene	26.527	278	3376402	20.907	ng/ul	99
96)	Benzo(g,h,i)perylene	27.304	276	3301063	21.081	ng/ul	98

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

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