Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052223\
Data File : BP015229.D
Acq On : 22 May 2023 23:59
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020726

Quant Time: May 23 01:27:43 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 23 01:25:41 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.122	152	246384	20.000	ng/ul	0.00
20) Naphthalene-d8	10.951	136	1061669	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.757	164	669714	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.510	188	1433038	20.000	ng/ul	0.00
79) Chrysene-d12	21.586	240	1010939	20.000	ng/ul	0.00
88) Perylene-d12	24.139	264	1069611	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.428	96	48664	7.674	ng/uL	0.00
4) Pyridine-d5	3.869	84	330341	18.378	ng/ul	0.00
7) Phenol-d5	7.269	99	449887	19.666	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.440	67	266748	20.190	ng/ul	0.00
11) 2-Chlorophenol-d4	7.645	132	346115	20.578	ng/ul	0.00
15) 4-Methylphenol-d8	8.834	113	363224	19.926	ng/ul	0.00
21) Nitrobenzene-d5	9.298	128	181408	21.745	ng/ul	0.00
24) 2-Nitrophenol-d4	10.028	143	205511	22.139	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.563	165	373585	22.303	ng/ul	0.00
31) 4-Chloroaniline-d4	11.086	131	500634	20.201	ng/ul	0.00
46) Dimethylphthalate-d6	14.163	166	1081460	21.370	ng/ul	0.00
49) Acenaphthylene-d8	14.457	160	1240949	21.440	ng/ul	0.00
54) 4-Nitrophenol-d4	14.951	143	184544	18.780	ng/ul	0.00
60) Fluorene-d10	15.751	176	922622	21.606	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.869	200	165501	18.326	ng/ul	0.00
73) Anthracene-d10	17.610	188	1394501	21.251	ng/ul	0.00
81) Pyrene-d10	19.827	212	1428366	24.361	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.974	264	1110976	20.924	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.469	88	50320	7.385	ng/uL#	95
5) Pyridine	3.887	79	345879	18.502	ng/ul	95
6) Benzaldehyde	7.251	77	159973	25.442	ng/ul	99
8) Phenol	7.298	94	469914	20.032	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.534	93	373152	19.883	ng/ul	98
12) 2-Chlorophenol	7.681	128	360435	20.260	ng/ul	97
13) 2-Methylphenol	8.563	108	356982	19.690	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.657	45	471849	20.067	ng/ul	98
16) Acetophenone	8.957	105	585559	20.582	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.940	70	296355	19.862	ng/ul	95
18) 4-Methylphenol	8.898	108	393835	19.736	ng/ul	98
19) Hexachloroethane	9.210	117	146825	20.212	ng/ul	91
22) Nitrobenzene	9.340	77	452295	21.952	ng/ul	99
23) Isophorone	9.869	82	859578	20.296	ng/ul	99
25) 2-Nitrophenol	10.057	139	223252	21.932	ng/ul	94
26) 2,4-Dimethylphenol	10.110	107	447305	22.021	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.351	93	528403	20.506	ng/ul	98
29) 2,4-Dichlorophenol	10.592	162	374131	22.112	ng/ul	99
30) Naphthalene	11.004	128	1203398	20.849	ng/ul	99
32) 4-Chloroaniline	11.110	127	527390	20.705	ng/ul	99
33) Hexachlorobutadiene	11.281	225	239410	23.478	ng/ul	99
34) Caprolactam	11.886	113	119363	18.712	ng/ul	92
35) 4-Chloro-3-methylphenol	12.222	107	418098	21.885	ng/ul	99
36) 2-Methylnaphthalene	12.598	142	826252	21.246	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.816	142	830989	21.278	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.963	216	461203	23.026	ng/ul	99
40) Hexachlorocyclopentadiene	12.939	237	193542	14.914	ng/ul	99
41) 2,4,6-Trichlorophenol	13.198	196	314781	22.256	ng/ul	98
42) 2,4,5-Trichlorophenol	13.269	196	342044	22.304	ng/ul	99
43) 1,1'-Biphenyl	13.592	154	1125113	21.653	ng/ul	98
44) 2-Chloronaphthalene	13.639	162	890136	21.936	ng/ul	100
45) 2-Nitroaniline	13.845	65	264293	22.763	ng/ul	93
47) Dimethylphthalate	14.210	163	1116288	21.180	ng/ul	100
48) 2,6-Dinitrotoluene	14.333	165	235313	22.536	ng/ul	99
50) Acenaphthylene	14.486	152	1362361	21.095	ng/ul	99
51) 3-Nitroaniline	14.663	138	195474	20.790	ng/ul	98
52) Acenaphthene	14.822	153	926718	21.010	ng/ul	100
53) 2,4-Dinitrophenol	14.875	184	109804	15.838	ng/ul	97
55) 4-Nitrophenol	14.969	109	159680	22.093	ng/ul	82
56) Dibenzofuran	15.157	168	1312759	21.398	ng/ul	99
57) 2,4-Dinitrotoluene	15.122	165	336765	22.289	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.380	232	286019	22.099	ng/ul	98
59) Diethylphthalate	15.569	149	1121072	21.327	ng/ul	99
61) Fluorene	15.804	166	1051144	21.320	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.792	204	529015	21.960	ng/ul	95
63) 4-Nitroaniline	15.827	138	156964	19.332	ng/ul#	88
66) 4,6-Dinitro-2-methylph...	15.886	198	171507	18.401	ng/ul	97
67) N-Nitrosodiphenylamine	16.010	169	910639	21.611	ng/ul	100
68) 4-Bromophenyl-phenylether	16.692	248	337298	22.851	ng/ul	100
69) Hexachlorobenzene	16.810	284	394023	22.589	ng/ul	99
70) Atrazine	16.963	200	345963	22.213	ng/ul	98
71) Pentachlorophenol	17.157	266	219935	20.157	ng/ul	98
72) Phenanthrene	17.557	178	1639302	21.007	ng/ul	99
74) Anthracene	17.645	178	1648334	20.889	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.563	216	477257	23.489	ng/uL	99
76) Pentachlorobenzene	15.075	250	472035	23.138	ng/uL	99
77) Carbazole	17.910	167	1441362	20.831	ng/ul	99
78) Di-n-butylphthalate	18.439	149	1916104	21.503	ng/ul	99
80) Fluoranthene	19.504	202	1799130	25.175	ng/ul	98
82) Pyrene	19.857	202	1794808	24.320	ng/ul	97
83) Butylbenzylphthalate	20.709	149	814886	24.907	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.492	252	462884	20.848	ng/ul	98
85) Benzo(a)anthracene	21.568	228	1514617	21.668	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.468	149	1169424	24.828	ng/ul	99
87) Chrysene	21.627	228	1409254	21.090	ng/ul	98
89) Di-n-octyl phthalate	22.439	149	1834138	25.038	ng/ul	100
90) Benzo(b)fluoranthene	23.351	252	1473203	21.726	ng/ul	99
91) Benzo(k)fluoranthene	23.403	252	1369120	21.028	ng/ul	98
93) Benzo(a)pyrene	24.027	252	1238379	20.662	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.839	276	1625923	20.951	ng/ul	97
95) Dibenzo(a,h)anthracene	26.856	278	1343797	21.094	ng/ul	99
96) Benzo(g,h,i)perylene	27.680	276	1345912	21.268	ng/ul	96

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

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