Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021423\
Data File : BP013819.D
Acq On : 14 Feb 2023 16:44
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020763

Quant Time: Feb 15 01:48:58 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP020723.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 15 01:39:48 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.116	152	199647	20.000	ng/ul	0.00
20) Naphthalene-d8	10.940	136	802358	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.751	164	511020	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.504	188	1084170	20.000	ng/ul	0.00
79) Chrysene-d12	21.586	240	809839	20.000	ng/ul	0.00
88) Perylene-d12	24.145	264	754690	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.470	96	43070	8.942	ng/uL	0.00
4) Pyridine-d5	3.899	84	288277	20.187	ng/ul	0.00
7) Phenol-d5	7.263	99	333849	18.768	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.434	67	198459	19.039	ng/ul	0.00
11) 2-Chlorophenol-d4	7.640	132	260407	19.887	ng/ul	0.00
15) 4-Methylphenol-d8	8.822	113	264317	18.179	ng/ul	0.00
21) Nitrobenzene-d5	9.287	128	120773	21.634	ng/ul	0.00
24) 2-Nitrophenol-d4	10.016	143	134722	20.901	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.557	165	272354	20.734	ng/ul	0.00
31) 4-Chloroaniline-d4	11.075	131	346527	18.611	ng/ul	0.00
46) Dimethylphthalate-d6	14.151	166	783015	19.454	ng/ul	0.00
49) Acenaphthylene-d8	14.445	160	888961	20.404	ng/ul	0.00
54) 4-Nitrophenol-d4	14.934	143	121774	16.983	ng/ul	0.00
60) Fluorene-d10	15.739	176	668540	19.501	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.857	200	126994	19.093	ng/ul	0.00
73) Anthracene-d10	17.604	188	996769	20.106	ng/ul	0.00
81) Pyrene-d10	19.822	212	1086692	23.662	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.974	264	762678	20.169	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.505	88	43273	8.369	ng/uL	98
5) Pyridine	3.922	79	290002	20.549	ng/ul	97
6) Benzaldehyde	7.252	77	153014	19.075	ng/ul	99
8) Phenol	7.293	94	341465	18.700	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.528	93	279144	19.078	ng/ul	98
12) 2-Chlorophenol	7.675	128	267368	19.900	ng/ul	100
13) 2-Methylphenol	8.557	108	254638	18.270	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.646	45	308321	18.525	ng/ul	97
16) Acetophenone	8.946	105	429834	18.435	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.928	70	208267	17.987	ng/ul	98
18) 4-Methylphenol	8.887	108	284721	18.503	ng/ul	100
19) Hexachloroethane	9.210	117	112463	20.441	ng/ul	98
22) Nitrobenzene	9.334	77	307766	20.955	ng/ul	97
23) Isophorone	9.863	82	590166	19.046	ng/ul	99
25) 2-Nitrophenol	10.046	139	146046	20.905	ng/ul	99
26) 2,4-Dimethylphenol	10.099	107	314422	20.214	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.340	93	373887	19.980	ng/ul	99
29) 2,4-Dichlorophenol	10.581	162	260978	20.182	ng/ul	97
30) Naphthalene	10.993	128	871398	20.401	ng/ul	100
32) 4-Chloroaniline	11.099	127	354273	18.874	ng/ul	99
33) Hexachlorobutadiene	11.275	225	195645	21.477	ng/ul	97
34) Caprolactam	11.875	113	71781	15.819	ng/ul	92
35) 4-Chloro-3-methylphenol	12.210	107	277883	18.613	ng/ul	98
36) 2-Methylnaphthalene	12.587	142	586545	19.532	ng/ul	97

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.804	142	593601	19.131	ng/ul	99
39)	1,2,4,5-Tetrachloroben...	12.951	216	358743	22.277	ng/ul	100
40)	Hexachlorocyclopentadiene	12.934	237	227479	22.000	ng/ul	99
41)	2,4,6-Trichlorophenol	13.187	196	225308	21.321	ng/ul	99
42)	2,4,5-Trichlorophenol	13.257	196	238044	20.811	ng/ul	99
43)	1,1'-Biphenyl	13.587	154	805277	21.001	ng/ul	99
44)	2-Chloronaphthalene	13.634	162	633518	21.002	ng/ul	98
45)	2-Nitroaniline	13.834	65	141893	19.530	ng/ul	96
47)	Dimethylphthalate	14.198	163	782271	19.596	ng/ul	99
48)	2,6-Dinitrotoluene	14.322	165	139275	19.969	ng/ul	98
50)	Acenaphthylene	14.475	152	956495	20.350	ng/ul	100
51)	3-Nitroaniline	14.651	138	122441	17.756	ng/ul	100
52)	Acenaphthene	14.816	153	663067	20.155	ng/ul	100
53)	2,4-Dinitrophenol	14.857	184	114040	22.929	ng/ul	94
55)	4-Nitrophenol	14.951	109	105762	16.810	ng/ul	97
56)	Dibenzofuran	15.151	168	941201	19.956	ng/ul	99
57)	2,4-Dinitrotoluene	15.104	165	203969	19.616	ng/ul	99
58)	2,3,4,6-Tetrachlorophenol	15.369	232	208699	19.357	ng/ul#	97
59)	Diethylphthalate	15.563	149	752425	18.770	ng/ul	99
61)	Fluorene	15.798	166	745714	19.380	ng/ul	99
62)	4-Chlorophenyl-phenyle...	15.787	204	403251	20.156	ng/ul	99
63)	4-Nitroaniline	15.816	138	104570	16.014	ng/ul	99
66)	4,6-Dinitro-2-methylph...	15.869	198	125702	19.277	ng/ul	98
67)	N-Nitrosodiphenylamine	15.998	169	631010	21.413	ng/ul	99
68)	4-Bromophenyl-phenylether	16.686	248	244983	21.397	ng/ul	97
69)	Hexachlorobenzene	16.804	284	282654	21.187	ng/ul	99
70)	Atrazine	16.951	200	234635	19.910	ng/ul	98
71)	Pentachlorophenol	17.151	266	162046	18.666	ng/ul	98
72)	Phenanthrene	17.551	178	1160716	20.232	ng/ul	99
74)	Anthracene	17.639	178	1161396	20.121	ng/ul	100
75)	1,2,3,4-Tetrachloroben...	13.557	216	352226	24.337	ng/uL	97
76)	Pentachlorobenzene	15.069	250	341846	22.889	ng/uL	99
77)	Carbazole	17.904	167	976168	19.199	ng/ul	99
78)	Di-n-butylphthalate	18.433	149	1147371	18.606	ng/ul	100
80)	Fluoranthene	19.498	202	1279304	24.333	ng/ul	98
82)	Pyrene	19.851	202	1323388	23.609	ng/ul	98
83)	Butylbenzylphthalate	20.704	149	390266	20.343	ng/ul	99
84)	3,3'-Dichlorobenzidine	21.492	252	332990	18.269	ng/ul	99
85)	Benzo(a)anthracene	21.569	228	1122064	20.277	ng/ul	100
86)	Bis(2-ethylhexyl)phtha...	21.463	149	554778	18.885	ng/ul	99
87)	Chrysene	21.621	228	1060603	20.315	ng/ul	97
89)	Di-n-octyl phthalate	22.439	149	816216	15.717	ng/ul	100
90)	Benzo(b)fluoranthene	23.357	252	992464	19.721	ng/ul	99
91)	Benzo(k)fluoranthene	23.404	252	991856	19.867	ng/ul	99
93)	Benzo(a)pyrene	24.027	252	860610	20.178	ng/ul	100
94)	Indeno(1,2,3-cd)pyrene	26.845	276	1144169	23.916	ng/ul	98
95)	Dibenzo(a,h)anthracene	26.857	278	951133	23.800	ng/ul	99
96)	Benzo(g,h,i)perylene	27.674	276	934263	24.528	ng/ul	99

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

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