Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020723\
Data File : BP013780.D
Acq On : 07 Feb 2023 16:24
Operator : CG/JU
Sample : SSTD01030
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 08 00:02:15 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP020723.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 07 23:57:24 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTD010611

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/08/2023
Supervised By :Jagrut Upadhyay 02/08/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.122	152	163698	20.000	ng/ul	0.00
20) Naphthalene-d8	10.952	136	729093	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.763	164	546322	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.516	188	1307879	20.000	ng/ul	0.00
79) Chrysene-d12	21.592	240	1336665	20.000	ng/ul	0.00
88) Perylene-d12	24.151	264	1173210	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.470	96	17486m	4.529	ng/uL	0.00
4) Pyridine-d5	3.905	84	118168	10.667	ng/ul	0.00
7) Phenol-d5	7.269	99	138698	9.640	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.440	67	86942	10.304	ng/ul	0.00
11) 2-Chlorophenol-d4	7.652	132	107922	10.233	ng/ul	0.00
15) 4-Methylphenol-d8	8.828	113	112699	9.826	ng/ul	0.00
21) Nitrobenzene-d5	9.299	128	47393	10.190	ng/ul	0.00
24) 2-Nitrophenol-d4	10.022	143	54753	10.101	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.563	165	118859	9.377	ng/ul	0.00
31) 4-Chloroaniline-d4	11.087	131	176160	10.523	ng/ul	0.00
46) Dimethylphthalate-d6	14.163	166	448865	10.423	ng/ul	0.00
49) Acenaphthylene-d8	14.457	160	483825	10.169	ng/ul	0.00
54) 4-Nitrophenol-d4	14.940	143	68055	9.376	ng/ul	0.00
60) Fluorene-d10	15.751	176	391178	10.538	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.863	200	66129	9.023	ng/ul	0.00
73) Anthracene-d10	17.610	188	633308	10.388	ng/ul	0.00
81) Pyrene-d10	19.828	212	825617	11.075	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.980	264	609114	10.170	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.505	88	18190	4.521	ng/uL	95
5) Pyridine	3.928	79	117583	10.541	ng/ul	96
6) Benzaldehyde	7.258	77	58750	10.184	ng/ul	98
8) Phenol	7.293	94	145070	9.853	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.534	93	122574	10.360	ng/ul	98
12) 2-Chlorophenol	7.681	128	109899	10.285	ng/ul	99
13) 2-Methylphenol	8.564	108	108930	9.690	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.658	45	139887	9.986	ng/ul	98
16) Acetophenone	8.952	105	201323	11.260	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.934	70	99326	11.090	ng/ul	98
18) 4-Methylphenol	8.893	108	120271	9.851	ng/ul	96
19) Hexachloroethane	9.216	117	44955	10.749	ng/ul	98
22) Nitrobenzene	9.340	77	131942	10.503	ng/ul	98
23) Isophorone	9.869	82	290571	10.103	ng/ul	100
25) 2-Nitrophenol	10.058	139	62917	10.491	ng/ul	99
26) 2,4-Dimethylphenol	10.105	107	145302	10.723	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.346	93	180328	10.346	ng/ul	99
29) 2,4-Dichlorophenol	10.593	162	119290	9.724	ng/ul	99
30) Naphthalene	11.005	128	405977	10.535	ng/ul	100
32) 4-Chloroaniline	11.110	127	179406	10.648	ng/ul	99
33) Hexachlorobutadiene	11.287	225	85370	9.868	ng/ul	99
34) Caprolactam	11.887	113	37694m	9.088	ng/ul	
35) 4-Chloro-3-methylphenol	12.216	107	139020	10.581	ng/ul	99
36) 2-Methylnaphthalene	12.599	142	292240	10.654	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.816	142	303909	10.970	ng/ul#	98
39) 1,2,4,5-Tetrachloroben...	12.957	216	175080	9.702	ng/ul	99
40) Hexachlorocyclopentadiene	12.940	237	94404	9.304	ng/ul	97
41) 2,4,6-Trichlorophenol	13.193	196	111701	9.344	ng/ul	99
42) 2,4,5-Trichlorophenol	13.263	196	119448	9.168	ng/ul	98
43) 1,1'-Biphenyl	13.593	154	429708	10.388	ng/ul	99
44) 2-Chloronaphthalene	13.640	162	334320	10.216	ng/ul	99
45) 2-Nitroaniline	13.840	65	68747	11.036	ng/ul	95
47) Dimethylphthalate	14.204	163	448145	10.563	ng/ul	99
48) 2,6-Dinitrotoluene	14.328	165	68256	11.289	ng/ul	98
50) Acenaphthylene	14.481	152	527013	10.504	ng/ul	99
51) 3-Nitroaniline	14.663	138	62829	9.831	ng/ul	94
52) Acenaphthene	14.822	153	372326	10.799	ng/ul	99
53) 2,4-Dinitrophenol	14.863	184	37846	8.059	ng/ul	98
55) 4-Nitrophenol	14.951	109	60703	10.971	ng/ul	96
56) Dibenzofuran	15.157	168	537027	10.723	ng/ul	98
57) 2,4-Dinitrotoluene	15.116	165	105777	11.138	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.381	232	116985	9.554	ng/ul	98
59) Diethylphthalate	15.569	149	451012	11.073	ng/ul	99
61) Fluorene	15.804	166	445292	10.926	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.793	204	230937	10.400	ng/ul	98
63) 4-Nitroaniline	15.822	138	54822m	9.161	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.875	198	67644	9.274	ng/ul#	99
67) N-Nitrosodiphenylamine	16.010	169	378534	10.723	ng/ul	99
68) 4-Bromophenyl-phenylether	16.693	248	143758	9.661	ng/ul	97
69) Hexachlorobenzene	16.810	284	168234	9.637	ng/ul	96
70) Atrazine	16.957	200	144182	10.148	ng/ul	100
71) Pentachlorophenol	17.157	266	97829	8.780	ng/ul	96
72) Phenanthrene	17.557	178	742393	10.746	ng/ul	99
74) Anthracene	17.645	178	745991	10.661	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.563	216	177229	9.512	ng/uL	98
76) Pentachlorobenzene	15.075	250	188350	9.860	ng/uL	99
77) Carbazole	17.910	167	658081	10.841	ng/ul	99
78) Di-n-butylphthalate	18.445	149	771452	10.756	ng/ul	100
80) Fluoranthene	19.504	202	923812	10.631	ng/ul	99
82) Pyrene	19.857	202	1034398	11.643	ng/ul	100
83) Butylbenzylphthalate	20.710	149	318325	12.471	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.498	252	269660	8.882	ng/ul	98
85) Benzo(a)anthracene	21.569	228	949625	10.334	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.469	149	475579	10.868	ng/ul	100
87) Chrysene	21.628	228	914185	10.567	ng/ul	98
89) Di-n-octyl phthalate	22.445	149	715116	11.571	ng/ul	100
90) Benzo(b)fluoranthene	23.363	252	814441	10.634	ng/ul	100
91) Benzo(k)fluoranthene	23.410	252	819020	11.189	ng/ul	99
93) Benzo(a)pyrene	24.033	252	686493	10.383	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.851	276	736297	8.988	ng/ul	99
95) Dibenzo(a,h)anthracene	26.874	278	615979	9.070	ng/ul	98
96) Benzo(g,h,i)perylene	27.686	276	580999	8.965	ng/ul	100

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

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