Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102522\
Data File : BP012318.D
Acq On : 25 Oct 2022 17:01
Operator : CG/JU
Sample : SSTD01087
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 26 10:06:21 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP102522.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 26 10:05:01 2022
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTD010604

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay

10/27/2022
Supervised By :mohammad ahmed

10/27/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.816	152	382831	20.000	ng/ul	0.00
20) Naphthalene-d8	10.616	136	1723293	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.463	164	1135204	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.222	188	2341327	20.000	ng/ul	0.00
79) Chrysene-d12	21.316	240	2313027	20.000	ng/ul	0.00
88) Perylene-d12	23.710	264	2412683	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	38764	4.107	ng/uL	0.00
4) Pyridine-d5	3.681	84	255695	9.409	ng/ul	0.00
7) Phenol-d5	6.987	99	314633	9.495	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.152	67	203027	10.117	ng/ul	0.00
11) 2-Chlorophenol-d4	7.346	132	239575	9.568	ng/ul	0.00
15) 4-Methylphenol-d8	8.534	113	248783	9.643	ng/ul	0.00
21) Nitrobenzene-d5	8.981	128	98217	7.962	ng/ul	0.00
24) 2-Nitrophenol-d4	9.704	143	94783	7.187	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.246	165	242958	9.501	ng/ul	0.00
31) 4-Chloroaniline-d4	10.763	131	373898	10.196	ng/ul	0.00
46) Dimethylphthalate-d6	13.881	166	774030	9.887	ng/ul	0.00
49) Acenaphthylene-d8	14.157	160	895118	10.040	ng/ul	0.00
54) 4-Nitrophenol-d4	14.681	143	114004	7.812	ng/ul	0.00
60) Fluorene-d10	15.463	176	687663	10.222	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.592	200	84525	6.555	ng/ul	0.00
73) Anthracene-d10	17.322	188	1051341	10.364	ng/ul	0.00
81) Pyrene-d10	19.563	212	1181033	9.286	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.557	264	1183346	9.899	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.287	88	41743	4.126	ng/uL	95
5) Pyridine	3.699	79	257569	9.654	ng/ul	98
6) Benzaldehyde	6.963	77	161546m	10.490	ng/ul	
8) Phenol	7.016	94	334846	9.687	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.246	93	281920	10.093	ng/ul	100
12) 2-Chlorophenol	7.381	128	264890	9.802	ng/ul	98
13) 2-Methylphenol	8.263	108	255078	9.767	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.340	45	396383	10.683	ng/ul	99
16) Acetophenone	8.646	105	431436	10.786	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.628	70	196472	9.756	ng/ul	98
18) 4-Methylphenol	8.593	108	284204	9.952	ng/ul	100
19) Hexachloroethane	8.887	117	102872	9.702	ng/ul	99
22) Nitrobenzene	9.028	77	280204	9.166	ng/ul	97
23) Isophorone	9.552	82	600554	10.068	ng/ul	98
25) 2-Nitrophenol	9.734	139	123907	8.159	ng/ul	94
26) 2,4-Dimethylphenol	9.799	107	302045	9.845	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.034	93	395906	10.204	ng/ul	99
29) 2,4-Dichlorophenol	10.269	162	258928	9.787	ng/ul	100
30) Naphthalene	10.669	128	936369	10.237	ng/ul	99
32) 4-Chloroaniline	10.793	127	394372	10.438	ng/ul	98
33) Hexachlorobutadiene	10.946	225	163402	9.878	ng/ul	97
34) Caprolactam	11.598	113	70881	8.516	ng/ul	92
35) 4-Chloro-3-methylphenol	11.916	107	280983	9.773	ng/ul	99
36) 2-Methylnaphthalene	12.281	142	645628	10.364	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.498	142	645172	10.352	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.651	216	328033	9.649	ng/ul	99
40) Hexachlorocyclopentadiene	12.622	237	103367	5.925	ng/ul	99
41) 2,4,6-Trichlorophenol	12.898	196	200994	9.177	ng/ul	100
42) 2,4,5-Trichlorophenol	12.969	196	220350	9.219	ng/ul	100
43) 1,1'-Biphenyl	13.292	154	857770	10.259	ng/ul	99
44) 2-Chloronaphthalene	13.340	162	671028	10.160	ng/ul	99
45) 2-Nitroaniline	13.557	65	119166	6.945	ng/ul	96
47) Dimethylphthalate	13.928	163	833263	10.156	ng/ul	100
48) 2,6-Dinitrotoluene	14.051	165	106866	6.973	ng/ul	92
50) Acenaphthylene	14.187	152	1033517	10.386	ng/ul	99
51) 3-Nitroaniline	14.387	138	117365	7.159	ng/ul	99
52) Acenaphthene	14.528	153	724897	10.299	ng/ul	98
53) 2,4-Dinitrophenol	14.598	184	50148	5.400	ng/ul	93
55) 4-Nitrophenol	14.692	109	92356	8.516	ng/ul	96
56) Dibenzofuran	14.863	168	1007696	10.468	ng/ul	100
57) 2,4-Dinitrotoluene	14.839	165	183066	8.278	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.092	232	188183	9.271	ng/ul	98
59) Diethylphthalate	15.292	149	798980	9.905	ng/ul	100
61) Fluorene	15.516	166	817970	10.698	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.510	204	396496	10.444	ng/ul	99
63) 4-Nitroaniline	15.551	138	116680m	7.672	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.604	198	96589	7.107	ng/ul#	90
67) N-Nitrosodiphenylamine	15.728	169	698352	10.445	ng/ul	99
68) 4-Bromophenyl-phenylether	16.410	248	233838	9.613	ng/ul	98
69) Hexachlorobenzene	16.522	284	281396	9.808	ng/ul	99
70) Atrazine	16.686	200	211768	9.088	ng/ul	99
71) Pentachlorophenol	16.875	266	143308	8.238	ng/ul	97
72) Phenanthrene	17.263	178	1313438	10.569	ng/ul	100
74) Anthracene	17.357	178	1319600	10.742	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.257	216	336521	9.831	ng/uL	99
76) Pentachlorobenzene	14.781	250	362635	10.035	ng/uL	98
77) Carbazole	17.633	167	1175114	10.779	ng/ul	99
78) Di-n-butylphthalate	18.180	149	1260401	9.661	ng/ul	99
80) Fluoranthene	19.233	202	1467559	9.324	ng/ul	98
82) Pyrene	19.592	202	1566128	9.723	ng/ul	100
83) Butylbenzylphthalate	20.463	149	483761	7.718	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.239	252	444290	8.880	ng/ul	100
85) Benzo(a)anthracene	21.298	228	1527237	10.216	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.221	149	797113	8.845	ng/ul	98
87) Chrysene	21.351	228	1431230	10.283	ng/ul	99
89) Di-n-octyl phthalate	22.139	149	1370842	8.481	ng/ul	100
90) Benzo(b)fluoranthene	22.980	252	1572840	9.959	ng/ul	100
91) Benzo(k)fluoranthene	23.027	252	1511472	9.801	ng/ul	100
93) Benzo(a)pyrene	23.604	252	1387748	10.241	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.204	276	1711780	10.791	ng/ul	99
95) Dibenzo(a,h)anthracene	26.215	278	1533693	10.712	ng/ul	99
96) Benzo(g,h,i)perylene	26.962	276	1499444	10.066	ng/ul	98

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

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