Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030723\
Data File : BP013963.D
Acq On : 07 Mar 2023 15:54
Operator : CG/JU
Sample : SSTD01036
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 08 00:43:19 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 08 00:39:16 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTD010618

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.087	152	110606	20.000	ng/ul	0.00
20) Naphthalene-d8	10.910	136	472698	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.722	164	343292	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.481	188	879988	20.000	ng/ul	0.00
79) Chrysene-d12	21.557	240	979475	20.000	ng/ul	0.00
88) Perylene-d12	24.104	264	1114197	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.440	96	12271	4.598	ng/uL	0.00
4) Pyridine-d5	3.875	84	80040	10.117	ng/ul	0.00
7) Phenol-d5	7.234	99	87497	8.879	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.405	67	54986	9.522	ng/ul	0.00
11) 2-Chlorophenol-d4	7.611	132	70478	9.715	ng/ul	0.00
15) 4-Methylphenol-d8	8.793	113	72613	9.015	ng/ul	0.00
21) Nitrobenzene-d5	9.258	128	33894	10.306	ng/ul	0.00
24) 2-Nitrophenol-d4	9.987	143	43476	11.449	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.528	165	82326	10.638	ng/ul	0.00
31) 4-Chloroaniline-d4	11.046	131	107047	9.759	ng/ul	0.00
46) Dimethylphthalate-d6	14.122	166	291898	10.796	ng/ul	0.00
49) Acenaphthylene-d8	14.416	160	299421	10.230	ng/ul	0.00
54) 4-Nitrophenol-d4	14.916	143	46227	9.597	ng/ul	0.00
60) Fluorene-d10	15.716	176	251068	10.902	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.834	200	57997	10.743	ng/ul	0.00
73) Anthracene-d10	17.575	188	419087	10.415	ng/ul	0.00
81) Pyrene-d10	19.798	212	524605	9.445	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.933	264	570673	10.222	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.475	88	13289	4.639	ng/uL	94
5) Pyridine	3.893	79	80075	10.242	ng/ul	92
6) Benzaldehyde	7.216	77	53879	12.124	ng/ul	98
8) Phenol	7.263	94	93809	9.273	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.499	93	73458	9.062	ng/ul	99
12) 2-Chlorophenol	7.646	128	71362	9.587	ng/ul	99
13) 2-Methylphenol	8.528	108	69534	9.005	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.616	45	80334m	8.712	ng/ul	
16) Acetophenone	8.916	105	124206	9.615	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.893	70	62841	9.796	ng/ul	99
18) 4-Methylphenol	8.858	108	75380	8.842	ng/ul	97
19) Hexachloroethane	9.175	117	32059	10.518	ng/ul	99
22) Nitrobenzene	9.299	77	92856	10.731	ng/ul	99
23) Isophorone	9.828	82	194251	10.641	ng/ul	99
25) 2-Nitrophenol	10.016	139	44663	10.851	ng/ul	98
26) 2,4-Dimethylphenol	10.069	107	99463	10.854	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.305	93	112898	10.241	ng/ul	98
29) 2,4-Dichlorophenol	10.552	162	82228	10.793	ng/ul	98
30) Naphthalene	10.957	128	254522	10.115	ng/ul	99
32) 4-Chloroaniline	11.069	127	108206	9.785	ng/ul	96
33) Hexachlorobutadiene	11.240	225	64865	12.087	ng/ul	92
34) Caprolactam	11.851	113	25049m	9.370	ng/ul	
35) 4-Chloro-3-methylphenol	12.181	107	93900	10.676	ng/ul	99
36) 2-Methylnaphthalene	12.557	142	182442	10.312	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.775	142	181904	9.951	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.922	216	121154	11.199	ng/ul	99
40) Hexachlorocyclopentadiene	12.899	237	72990	10.508	ng/ul	98
41) 2,4,6-Trichlorophenol	13.157	196	75715	10.666	ng/ul	97
42) 2,4,5-Trichlorophenol	13.234	196	81593	10.618	ng/ul	99
43) 1,1'-Biphenyl	13.557	154	264063	10.251	ng/ul	98
44) 2-Chloronaphthalene	13.604	162	207514	10.240	ng/ul	98
45) 2-Nitroaniline	13.810	65	57386	11.757	ng/ul	99
47) Dimethylphthalate	14.169	163	288377	10.753	ng/ul	99
48) 2,6-Dinitrotoluene	14.298	165	54374	11.605	ng/ul	97
50) Acenaphthylene	14.445	152	316930	10.038	ng/ul	99
51) 3-Nitroaniline	14.628	138	48176	10.400	ng/ul	98
52) Acenaphthene	14.787	153	225250	10.192	ng/ul	100
53) 2,4-Dinitrophenol	14.834	184	32092	9.605	ng/ul	95
55) 4-Nitrophenol	14.928	109	51521	12.190	ng/ul	98
56) Dibenzofuran	15.122	168	332122	10.482	ng/ul	99
57) 2,4-Dinitrotoluene	15.081	165	82362	11.791	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	15.345	232	80745	11.148	ng/ul	97
59) Diethylphthalate	15.528	149	295771	10.983	ng/ul	99
61) Fluorene	15.769	166	277216	10.725	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.763	204	153779	11.442	ng/ul	97
63) 4-Nitroaniline	15.792	138	50428	11.496	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.845	198	56997	10.769	ng/ul#	94
67) N-Nitrosodiphenylamine	15.975	169	244218	10.210	ng/ul	99
68) 4-Bromophenyl-phenylether	16.657	248	102087	10.985	ng/ul	97
69) Hexachlorobenzene	16.775	284	120234	11.104	ng/ul	95
70) Atrazine	16.928	200	102097	10.674	ng/ul	99
71) Pentachlorophenol	17.128	266	71678	10.172	ng/ul	99
72) Phenanthrene	17.522	178	470648	10.107	ng/ul	99
74) Anthracene	17.610	178	475249	10.144	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.528	216	126375	10.758	ng/uL	99
76) Pentachlorobenzene	15.040	250	132226	10.908	ng/uL	98
77) Carbazole	17.881	167	421785	10.220	ng/ul	98
78) Di-n-butylphthalate	18.410	149	518577	10.361	ng/ul	99
80) Fluoranthene	19.475	202	602657	9.478	ng/ul	99
82) Pyrene	19.828	202	637222	9.399	ng/ul	99
83) Butylbenzylphthalate	20.680	149	243996	10.516	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.463	252	247080	11.208	ng/ul	99
85) Benzo(a)anthracene	21.539	228	677835	10.128	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.439	149	372694	10.490	ng/ul	100
87) Chrysene	21.598	228	649817	10.291	ng/ul	99
89) Di-n-octyl phthalate	22.410	149	608490	7.937	ng/ul	100
90) Benzo(b)fluoranthene	23.321	252	708026	9.530	ng/ul	100
91) Benzo(k)fluoranthene	23.369	252	673087	9.132	ng/ul	99
93) Benzo(a)pyrene	23.986	252	622950	9.893	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.780	276	834668	11.817	ng/ul	99
95) Dibenzo(a,h)anthracene	26.792	278	690873	11.710	ng/ul	100
96) Benzo(g,h,i)perylene	27.604	276	673702	11.980	ng/ul	99

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

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