Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
Data File : BP013029.D
Acq On : 09 Dec 2022 21:57
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020700

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/10/2022
Supervised By :mohammad ahmed 12/10/2022

Quant Time: Dec 10 02:39:06 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 08 00:35:07 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.969	152	720972	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.787	136	3071498	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.610	164	2004824	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.369	188	4401707	20.000	ng/ul	0.00
79) Chrysene-d12	21.457	240	3632184	20.000	ng/ul	0.00
88) Perylene-d12	23.945	264	3270910	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	130350	7.730	ng/uL	0.00
4) Pyridine-d5	3.781	84	933761	19.494	ng/ul	0.00
7) Phenol-d5	7.128	99	1166248	19.860	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.299	67	708270	19.993	ng/ul	0.00
11) 2-Chlorophenol-d4	7.499	132	946154	20.467	ng/ul	-0.01
15) 4-Methylphenol-d8	8.681	113	956298	19.874	ng/ul	0.00
21) Nitrobenzene-d5	9.140	128	480640	21.298	ng/ul	0.00
24) 2-Nitrophenol-d4	9.863	143	551705	21.715	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.405	165	1033377	20.941	ng/ul	0.00
31) 4-Chloroaniline-d4	10.922	131	1411017	20.254	ng/ul	0.00
46) Dimethylphthalate-d6	14.022	166	3052536	19.811	ng/ul	0.00
49) Acenaphthylene-d8	14.304	160	3484570	20.581	ng/ul	0.00
54) 4-Nitrophenol-d4	14.804	143	549243	19.817	ng/ul	0.00
60) Fluorene-d10	15.604	176	2623640	20.127	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.722	200	542320	19.146	ng/ul	0.00
73) Anthracene-d10	17.469	188	4101231	20.653	ng/ul	0.00
81) Pyrene-d10	19.698	212	4598750	22.058	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.780	264	3249819	19.933	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.387	88	132966	7.554	ng/uL	99
5) Pyridine	3.799	79	931993	19.577	ng/ul	98
6) Benzaldehyde	7.105	77	456342	19.846	ng/ul	98
8) Phenol	7.158	94	1189219	20.029	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.393	93	968908	19.882	ng/ul	99
12) 2-Chlorophenol	7.534	128	963150	20.317	ng/ul	99
13) 2-Methylphenol	8.416	108	917711	19.825	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.499	45	1360323	20.342	ng/ul	99
16) Acetophenone	8.805	105	1506739	20.422	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.787	70	757460	20.416	ng/ul	99
18) 4-Methylphenol	8.746	108	1025536	20.001	ng/ul	96
19) Hexachloroethane	9.058	117	382328	20.182	ng/ul	94
22) Nitrobenzene	9.187	77	1099472	20.762	ng/ul	98
23) Isophorone	9.716	82	2166786	20.236	ng/ul	100
25) 2-Nitrophenol	9.899	139	582118	21.146	ng/ul	99
26) 2,4-Dimethylphenol	9.952	107	1098632	20.454	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.193	93	1361803	19.890	ng/ul	100
29) 2,4-Dichlorophenol	10.434	162	1002263	20.734	ng/ul	99
30) Naphthalene	10.840	128	3215739	20.019	ng/ul	100
32) 4-Chloroaniline	10.946	127	1415748	20.536	ng/ul	99
33) Hexachlorobutadiene	11.122	225	673915	20.304	ng/ul	100
34) Caprolactam	11.734	113	316579m	19.207	ng/ul	
35) 4-Chloro-3-methylphenol	12.063	107	1023952	20.756	ng/ul	98
36) 2-Methylnaphthalene	12.440	142	2209501	20.050	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.663	142	2265829	19.993	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.804	216	1319682	20.443	ng/ul	98
40) Hexachlorocyclopentadiene	12.787	237	657841	15.659	ng/ul	99
41) 2,4,6-Trichlorophenol	13.046	196	866719	20.891	ng/ul	99
42) 2,4,5-Trichlorophenol	13.116	196	950741	21.334	ng/ul	99
43) 1,1'-Biphenyl	13.446	154	3040874	20.196	ng/ul	100
44) 2-Chloronaphthalene	13.493	162	2408108	20.321	ng/ul	100
45) 2-Nitroaniline	13.693	65	644491	22.431	ng/ul	99
47) Dimethylphthalate	14.069	163	3032334	19.856	ng/ul	99
48) 2,6-Dinitrotoluene	14.187	165	614830	21.664	ng/ul	100
50) Acenaphthylene	14.334	152	3714488	20.407	ng/ul	100
51) 3-Nitroaniline	14.516	138	535935	19.999	ng/ul	100
52) Acenaphthene	14.675	153	2542701	20.158	ng/ul	100
53) 2,4-Dinitrophenol	14.722	184	339019	17.476	ng/ul	98
55) 4-Nitrophenol	14.822	109	385059	20.361	ng/ul	99
56) Dibenzofuran	15.010	168	3622903	20.202	ng/ul	99
57) 2,4-Dinitrotoluene	14.975	165	881825	21.391	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.234	232	830553	20.422	ng/ul	100
59) Diethylphthalate	15.428	149	2955298	19.907	ng/ul	99
61) Fluorene	15.663	166	2920115	20.303	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.651	204	1542609	20.282	ng/ul	99
63) 4-Nitroaniline	15.681	138	509084	21.588	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.740	198	533034	19.256	ng/ul	98
67) N-Nitrosodiphenylamine	15.869	169	2519440	20.645	ng/ul	100
68) 4-Bromophenyl-phenylether	16.551	248	965208	20.192	ng/ul	99
69) Hexachlorobenzene	16.669	284	1139310	20.073	ng/ul	98
70) Atrazine	16.822	200	975505	20.513	ng/ul	99
71) Pentachlorophenol	17.016	266	663647	19.307	ng/ul	99
72) Phenanthrene	17.410	178	4670155	20.370	ng/ul	99
74) Anthracene	17.504	178	4752822	20.762	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.410	216	1300286	20.705	ng/uL	99
76) Pentachlorobenzene	14.928	250	1321560	20.640	ng/uL	99
77) Carbazole	17.769	167	4184142	21.703	ng/ul	99
78) Di-n-butylphthalate	18.310	149	5075751	21.623	ng/ul	100
80) Fluoranthene	19.369	202	5401166	22.825	ng/ul	99
82) Pyrene	19.728	202	5522253	22.624	ng/ul	99
83) Butylbenzylphthalate	20.586	149	2209707	23.433	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.363	252	1435273	17.492	ng/ul	99
85) Benzo(a)anthracene	21.439	228	4927432	20.435	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.345	149	3215255	24.171	ng/ul	99
87) Chrysene	21.492	228	4630081	20.305	ng/ul	100
89) Di-n-octyl phthalate	22.298	149	5067440	27.654	ng/ul	100
90) Benzo(b)fluoranthene	23.175	252	4384315	21.020	ng/ul	99
91) Benzo(k)fluoranthene	23.227	252	4098582	19.816	ng/ul	100
93) Benzo(a)pyrene	23.833	252	3621134	19.939	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.551	276	4343873	19.202	ng/ul	99
95) Dibenzo(a,h)anthracene	26.568	278	3629756	19.379	ng/ul	100
96) Benzo(g,h,i)perylene	27.351	276	3399265	18.717	ng/ul	99

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

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