Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP113022\
Data File : BP012919.D
Acq On : 01 Dec 2022 15:26
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020690

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/02/2022
Supervised By :mohammad ahmed 12/02/2022

Quant Time: Dec 01 21:38:56 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112522.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 29 22:53:34 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.005	152	741585	20.000	ng/ul	0.00
20) Naphthalene-d8	10.822	136	3304665	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.645	164	2224670	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.398	188	4517365	20.000	ng/ul	0.00
79) Chrysene-d12	21.480	240	3122192	20.000	ng/ul	0.00
88) Perylene-d12	23.986	264	2645409	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	132224	7.640	ng/uL	0.00
4) Pyridine-d5	3.817	84	1002716	19.361	ng/ul	0.00
7) Phenol-d5	7.158	99	1207479	19.815	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.334	67	734446	19.559	ng/ul	0.00
11) 2-Chlorophenol-d4	7.534	132	948690	20.431	ng/ul	0.00
15) 4-Methylphenol-d8	8.716	113	994008	20.245	ng/ul	0.00
21) Nitrobenzene-d5	9.175	128	476852	23.576	ng/ul	0.00
24) 2-Nitrophenol-d4	9.899	143	536829	24.996	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.440	165	1065532	21.263	ng/ul	0.00
31) 4-Chloroaniline-d4	10.957	131	1398810	20.385	ng/ul	0.00
46) Dimethylphthalate-d6	14.045	166	3106377	20.286	ng/ul	0.00
49) Acenaphthylene-d8	14.334	160	3584720	20.063	ng/ul	0.00
54) 4-Nitrophenol-d4	14.828	143	496587	18.190	ng/ul	0.00
60) Fluorene-d10	15.634	176	2718002	20.268	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.751	200	452464	20.956	ng/ul	0.00
73) Anthracene-d10	17.498	188	4032056	20.277	ng/ul	0.00
81) Pyrene-d10	19.722	212	4066982	22.418	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.827	264	2572088	19.794	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.428	88	139671	7.515	ng/uL	98
5) Pyridine	3.840	79	980344	19.346	ng/ul	99
6) Benzaldehyde	7.140	77	690318m	23.201	ng/ul	
8) Phenol	7.187	94	1269733	19.871	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.422	93	1036149	19.791	ng/ul	100
12) 2-Chlorophenol	7.569	128	1021888	20.231	ng/ul	99
13) 2-Methylphenol	8.446	108	987977	19.894	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.540	45	1480925	19.611	ng/ul	99
16) Acetophenone	8.834	105	1605045	20.626	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.822	70	804461	20.985	ng/ul	96
18) 4-Methylphenol	8.775	108	1104839	20.201	ng/ul	99
19) Hexachloroethane	9.099	117	396464	20.468	ng/ul	94
22) Nitrobenzene	9.216	77	1154046	21.755	ng/ul	99
23) Isophorone	9.746	82	2318193	19.822	ng/ul	99
25) 2-Nitrophenol	9.928	139	617028	23.935	ng/ul	98
26) 2,4-Dimethylphenol	9.987	107	1158570	20.225	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.228	93	1451183	20.240	ng/ul	100
29) 2,4-Dichlorophenol	10.463	162	1096612	21.125	ng/ul	99
30) Naphthalene	10.875	128	3460343	19.997	ng/ul	100
32) 4-Chloroaniline	10.981	127	1457655	20.683	ng/ul	100
33) Hexachlorobutadiene	11.157	225	727673	21.045	ng/ul	100
34) Caprolactam	11.757	113	312376m	19.596	ng/ul	
35) 4-Chloro-3-methylphenol	12.093	107	1113429	21.181	ng/ul	100
36) 2-Methylnaphthalene	12.475	142	2455273	20.605	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.693	142	2473200	20.709	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.840	216	1449403	20.431	ng/ul	98
40) Hexachlorocyclopentadiene	12.822	237	726741	21.261	ng/ul	98
41) 2,4,6-Trichlorophenol	13.075	196	931759	20.991	ng/ul	99
42) 2,4,5-Trichlorophenol	13.145	196	1009745	21.161	ng/ul	98
43) 1,1'-Biphenyl	13.481	154	3244964	20.023	ng/ul	99
44) 2-Chloronaphthalene	13.522	162	2601187	20.063	ng/ul	99
45) 2-Nitroaniline	13.722	65	649118	25.590	ng/ul	98
47) Dimethylphthalate	14.098	163	3242312	20.199	ng/ul	100
48) 2,6-Dinitrotoluene	14.216	165	620787	24.712	ng/ul	99
50) Acenaphthylene	14.363	152	3894407	19.934	ng/ul	100
51) 3-Nitroaniline	14.545	138	615595	21.160	ng/ul	98
52) Acenaphthene	14.704	153	2721164	19.784	ng/ul	98
53) 2,4-Dinitrophenol	14.745	184	266743	16.525	ng/ul	96
55) 4-Nitrophenol	14.845	109	350112	17.652	ng/ul	95
56) Dibenzofuran	15.039	168	3785500	19.967	ng/ul	99
57) 2,4-Dinitrotoluene	14.998	165	878697	23.704	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.263	232	856041	20.814	ng/ul	99
59) Diethylphthalate	15.457	149	3135822	20.182	ng/ul	99
61) Fluorene	15.692	166	3081305	20.267	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.681	204	1630037	20.664	ng/ul	99
63) 4-Nitroaniline	15.710	138	539072	21.740	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.763	198	487624	21.041	ng/ul	95
67) N-Nitrosodiphenylamine	15.898	169	2651940	20.656	ng/ul	99
68) 4-Bromophenyl-phenylether	16.581	248	991726	22.306	ng/ul	99
69) Hexachlorobenzene	16.698	284	1166381	20.583	ng/ul	98
70) Atrazine	16.851	200	916211	20.800	ng/ul	99
71) Pentachlorophenol	17.039	266	604255	17.364	ng/ul	100
72) Phenanthrene	17.439	178	4771889	19.820	ng/ul	99
74) Anthracene	17.533	178	4810477	20.196	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.445	216	1438694	20.601	ng/uL	99
76) Pentachlorobenzene	14.957	250	1521393	20.957	ng/uL	99
77) Carbazole	17.798	167	4041857	20.059	ng/ul	100
78) Di-n-butylphthalate	18.339	149	4977541	20.867	ng/ul	99
80) Fluoranthene	19.398	202	5057027	22.410	ng/ul	99
82) Pyrene	19.751	202	5106306	21.879	ng/ul	98
83) Butylbenzylphthalate	20.616	149	1676573	30.698	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.392	252	1150983	20.074	ng/ul	99
85) Benzo(a)anthracene	21.463	228	4031219	18.668	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.374	149	2146789	25.703	ng/ul	98
87) Chrysene	21.521	228	3735496	17.891	ng/ul	99
89) Di-n-octyl phthalate	22.339	149	2974650	19.691	ng/ul	100
90) Benzo(b)fluoranthene	23.221	252	3455158	17.638	ng/ul	99
91) Benzo(k)fluoranthene	23.268	252	3384590	17.309	ng/ul	100
93) Benzo(a)pyrene	23.874	252	3040581	18.876	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.615	276	3729506	23.997	ng/ul	99
95) Dibenzo(a,h)anthracene	26.639	278	3368863	23.889	ng/ul	99
96) Benzo(g,h,i)perylene	27.427	276	3279148	24.531	ng/ul	99

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

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