Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101122\
Data File : BP012107.D
Acq On : 13 Oct 2022 07:16
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 78 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020777

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 10/13/2022
Supervised By :mohammad ahmed 10/14/2022

Quant Time: Oct 13 07:55:30 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101122.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 12 23:03:21 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.846	152	291454	20.000	ng/ul	0.00
20) Naphthalene-d8	10.657	136	1157604	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.498	164	623123	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.257	188	1142559	20.000	ng/ul	0.00
79) Chrysene-d12	21.345	240	1272111	20.000	ng/ul	0.00
88) Perylene-d12	23.762	264	1391271	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	59481	8.046	ng/uL	0.00
4) Pyridine-d5	3.699	84	396294	20.158	ng/ul	0.00
7) Phenol-d5	7.016	99	476309	20.320	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.181	67	264559	19.884	ng/ul	0.00
11) 2-Chlorophenol-d4	7.381	132	397666	21.372	ng/ul	0.00
15) 4-Methylphenol-d8	8.563	113	360693	20.034	ng/ul	0.00
21) Nitrobenzene-d5	9.016	128	182973	22.380	ng/ul	0.00
24) 2-Nitrophenol-d4	9.740	143	194669	23.483	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.281	165	352773	21.958	ng/ul	0.00
31) 4-Chloroaniline-d4	10.798	131	483296	20.413	ng/ul	0.00
46) Dimethylphthalate-d6	13.910	166	803728	20.366	ng/ul	0.00
49) Acenaphthylene-d8	14.192	160	1040850	21.329	ng/ul	0.00
54) 4-Nitrophenol-d4	14.710	143	154241	19.908	ng/ul	0.00
60) Fluorene-d10	15.492	176	731973	20.501	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.622	200	116466	19.305	ng/ul	0.00
73) Anthracene-d10	17.357	188	1060577	21.376	ng/ul	0.00
81) Pyrene-d10	19.592	212	1221214	18.739	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.604	264	1410370	20.853	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.311	88	61632	7.923	ng/uL	96
5) Pyridine	3.716	79	388404	20.620	ng/ul	99
6) Benzaldehyde	6.993	77	256458m	23.319	ng/ul	
8) Phenol	7.046	94	498699	20.265	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.275	93	392389	20.210	ng/ul	99
12) 2-Chlorophenol	7.410	128	425405	21.067	ng/ul	99
13) 2-Methylphenol	8.299	108	372460	20.293	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.387	45	380683	19.129	ng/ul	99
16) Acetophenone	8.681	105	563800	20.311	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.663	70	247345	19.564	ng/ul	97
18) 4-Methylphenol	8.628	108	397691	20.103	ng/ul	98
19) Hexachloroethane	8.928	117	159491	20.461	ng/ul	98
22) Nitrobenzene	9.057	77	403632	21.537	ng/ul	98
23) Isophorone	9.587	82	687304	20.675	ng/ul	99
25) 2-Nitrophenol	9.769	139	222766	22.872	ng/ul	95
26) 2,4-Dimethylphenol	9.834	107	402153	21.201	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.069	93	466014	20.428	ng/ul	100
29) 2,4-Dichlorophenol	10.304	162	362996	21.500	ng/ul	99
30) Naphthalene	10.704	128	1265648	20.690	ng/ul	100
32) 4-Chloroaniline	10.822	127	498116	20.407	ng/ul	100
33) Hexachlorobutadiene	10.987	225	224075	21.402	ng/ul	99
34) Caprolactam	11.616	113	88368	19.047	ng/ul	94
35) 4-Chloro-3-methylphenol	11.951	107	336035	21.008	ng/ul	100
36) 2-Methylnaphthalene	12.316	142	809947	20.562	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.534	142	803472	20.368	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.687	216	411123	21.584	ng/ul	99
40) Hexachlorocyclopentadiene	12.657	237	149853	16.197	ng/ul	98
41) 2,4,6-Trichlorophenol	12.928	196	256141	22.324	ng/ul	99
42) 2,4,5-Trichlorophenol	13.004	196	267612	21.461	ng/ul	96
43) 1,1'-Biphenyl	13.328	154	989207	21.028	ng/ul	100
44) 2-Chloronaphthalene	13.369	162	795728	21.182	ng/ul	99
45) 2-Nitroaniline	13.587	65	175858	21.945	ng/ul	94
47) Dimethylphthalate	13.957	163	844066	20.301	ng/ul	99
48) 2,6-Dinitrotoluene	14.081	165	164602	22.361	ng/ul	98
50) Acenaphthylene	14.222	152	1161241	21.031	ng/ul	100
51) 3-Nitroaniline	14.410	138	184337	21.505	ng/ul	99
52) Acenaphthene	14.563	153	812222	20.663	ng/ul	99
53) 2,4-Dinitrophenol	14.622	184	74152	15.593	ng/ul	99
55) 4-Nitrophenol	14.722	109	105137	19.629	ng/ul	93
56) Dibenzofuran	14.898	168	1081655	20.361	ng/ul	99
57) 2,4-Dinitrotoluene	14.869	165	232001	21.929	ng/ul#	96
58) 2,3,4,6-Tetrachlorophenol	15.128	232	211693	21.780	ng/ul	95
59) Diethylphthalate	15.322	149	775507	20.366	ng/ul	99
61) Fluorene	15.545	166	861677	20.663	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.545	204	415498	20.596	ng/ul	97
63) 4-Nitroaniline	15.581	138	185670	23.722	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.634	198	125893	19.302	ng/ul	94
67) N-Nitrosodiphenylamine	15.763	169	707789	20.929	ng/ul	99
68) 4-Bromophenyl-phenylether	16.445	248	233309	20.985	ng/ul	95
69) Hexachlorobenzene	16.557	284	264872	20.526	ng/ul	97
70) Atrazine	16.722	200	211934	20.379	ng/ul	98
71) Pentachlorophenol	16.904	266	162739	21.525	ng/ul	98
72) Phenanthrene	17.298	178	1292485	20.801	ng/ul	100
74) Anthracene	17.392	178	1293735	21.040	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.292	216	403332	21.846	ng/uL	100
76) Pentachlorobenzene	14.816	250	386012	21.289	ng/uL	97
77) Carbazole	17.669	167	1185759	21.621	ng/ul	100
78) Di-n-butylphthalate	18.210	149	1148975	21.112	ng/ul	99
80) Fluoranthene	19.269	202	1490542	18.665	ng/ul	99
82) Pyrene	19.622	202	1594981	18.873	ng/ul	98
83) Butylbenzylphthalate	20.492	149	553104	20.646	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.269	252	565700	20.180	ng/ul	98
85) Benzo(a)anthracene	21.327	228	1698419	21.211	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.251	149	775368	21.469	ng/ul	100
87) Chrysene	21.380	228	1594339	20.685	ng/ul	99
89) Di-n-octyl phthalate	22.174	149	1433681	20.583	ng/ul	100
90) Benzo(b)fluoranthene	23.021	252	1786375	20.285	ng/ul	98
91) Benzo(k)fluoranthene	23.074	252	1803998	20.826	ng/ul	99
93) Benzo(a)pyrene	23.657	252	1639628	20.869	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.274	276	2025766	20.391	ng/ul	97
95) Dibenzo(a,h)anthracene	26.298	278	1817438	20.392	ng/ul	98
96) Benzo(g,h,i)perylene	27.051	276	1788140	19.963	ng/ul	96

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

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