Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101422\
Data File : BP012163.D
Acq On : 15 Oct 2022 06:08
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020781

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 10/15/2022
Supervised By :mohammad ahmed 10/16/2022

Quant Time: Oct 15 07:09:38 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	7.840	152	226031	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.645	136	981504	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.486	164	575544	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.251	188	1236745	20.000	ng/ul	0.00
79) Chrysene-d12	21.339	240	1317943	20.000	ng/ul	# 0.00
88) Perylene-d12	23.756	264	1370327	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.269	96	12186m	2.126	ng/uL	0.00
4) Pyridine-d5	3.693	84	100482	6.591	ng/ul	0.00
7) Phenol-d5	7.010	99	373424	20.542	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.175	67	218772	21.202	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.369	132	292113	20.244	ng/ul	-0.01
15) 4-Methylphenol-d8	8.557	113	276652	19.813	ng/ul	0.00
21) Nitrobenzene-d5	9.004	128	134018	19.334	ng/ul	-0.02
24) 2-Nitrophenol-d4	9.728	143	130655	18.589	ng/ul	-0.02
28) 2,4-Dichlorophenol-d3	10.269	165	258351	18.966	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.787	131	384587	19.159	ng/ul	-0.02
46) Dimethylphthalate-d6	13.904	166	670628	18.398	ng/ul	-0.01
49) Acenaphthylene-d8	14.180	160	874836	19.409	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.704	143	146237	20.436	ng/ul	0.00
60) Fluorene-d10	15.486	176	637731	19.338	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.610	200	86885	13.305	ng/ul	-0.01
73) Anthracene-d10	17.345	188	1037691	19.322	ng/ul	-0.01
81) Pyrene-d10	19.586	212	1191134	17.641	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.598	264	1235680	18.550	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.305	88	11911	1.974	ng/uL#	83
5) Pyridine	3.710	79	99936	6.841	ng/ul	90
6) Benzaldehyde	6.981	77	214902m	25.196	ng/ul	
8) Phenol	7.034	94	396661	20.784	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.263	93	304818	20.244	ng/ul	96
12) 2-Chlorophenol	7.398	128	316379	20.203	ng/ul	96
13) 2-Methylphenol	8.287	108	285864	20.083	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.375	45	363619	23.560	ng/ul	96
16) Acetophenone	8.669	105	451625	20.980	ng/ul	94
17) N-Nitroso-di-n-propyla...	8.651	70	199823	20.380	ng/ul	93
18) 4-Methylphenol	8.616	108	310333	20.228	ng/ul	95
19) Hexachloroethane	8.916	117	128366	21.234	ng/ul	90
22) Nitrobenzene	9.051	77	337251	21.224	ng/ul	97
23) Isophorone	9.581	82	593616	21.061	ng/ul	98
25) 2-Nitrophenol	9.763	139	155910	18.880	ng/ul	98
26) 2,4-Dimethylphenol	9.822	107	315824	19.638	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.063	93	375788	19.429	ng/ul	99
29) 2,4-Dichlorophenol	10.292	162	267959	18.718	ng/ul	95
30) Naphthalene	10.692	128	989651	19.081	ng/ul	99
32) 4-Chloroaniline	10.816	127	406118	19.623	ng/ul	100
33) Hexachlorobutadiene	10.975	225	149805	16.876	ng/ul	100
34) Caprolactam	11.604	113	80092m	20.360	ng/ul	
35) 4-Chloro-3-methylphenol	11.939	107	281946	20.789	ng/ul	94
36) 2-Methylnaphthalene	12.310	142	626949	18.772	ng/ul	99

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37) 1-Methylnaphthalene	12.528	142	630586	18.854	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.675	216	292914	16.649	ng/ul#	98
40) Hexachlorocyclopentadiene	12.651	237	108228	12.665	ng/ul	99
41) 2,4,6-Trichlorophenol	12.922	196	193367	18.246	ng/ul	100
42) 2,4,5-Trichlorophenol	12.992	196	209405	18.181	ng/ul	96
43) 1,1'-Biphenyl	13.322	154	790502	18.193	ng/ul	99
44) 2-Chloronaphthalene	13.363	162	639223	18.423	ng/ul	99
45) 2-Nitroaniline	13.580	65	142144	19.205	ng/ul	91
47) Dimethylphthalate	13.951	163	717162	18.674	ng/ul	99
48) 2,6-Dinitrotoluene	14.075	165	117874	17.337	ng/ul	88
50) Acenaphthylene	14.210	152	1002713	19.661	ng/ul	100
51) 3-Nitroaniline	14.404	138	153126	19.341	ng/ul	91
52) Acenaphthene	14.557	153	693382	19.098	ng/ul	98
53) 2,4-Dinitrophenol	14.616	184	55304	12.591	ng/ul	91
55) 4-Nitrophenol	14.716	109	111192	22.475	ng/ul	95
56) Dibenzofuran	14.886	168	942097	19.200	ng/ul	96
57) 2,4-Dinitrotoluene	14.863	165	205334	21.013	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.122	232	175824	19.585	ng/ul	98
59) Diethylphthalate	15.316	149	699921	19.901	ng/ul	99
61) Fluorene	15.539	166	768804	19.960	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.533	204	340042	18.249	ng/ul	97
63) 4-Nitroaniline	15.575	138	162838	22.525	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.627	198	95989	13.596	ng/ul#	97
67) N-Nitrosodiphenylamine	15.751	169	633387	17.303	ng/ul	98
68) 4-Bromophenyl-phenylether	16.433	248	191986	15.953	ng/ul	97
69) Hexachlorobenzene	16.545	284	225870	16.170	ng/ul	95
70) Atrazine	16.716	200	181854	16.155	ng/ul	98
71) Pentachlorophenol	16.898	266	141330	17.270	ng/ul	96
72) Phenanthrene	17.292	178	1274733	18.953	ng/ul	99
74) Anthracene	17.380	178	1289776	19.378	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.286	216	294861	14.754	ng/uL	99
76) Pentachlorobenzene	14.810	250	298238	15.195	ng/uL	99
77) Carbazole	17.657	167	1204587	20.292	ng/ul	99
78) Di-n-butylphthalate	18.204	149	1161767	19.721	ng/ul#	99
80) Fluoranthene	19.263	202	1477781	17.862	ng/ul	96
82) Pyrene	19.615	202	1589125	18.150	ng/ul	94
83) Butylbenzylphthalate	20.486	149	560368	20.190	ng/ul#	85
84) 3,3'-Dichlorobenzidine	21.262	252	429632	14.793	ng/ul#	98
85) Benzo(a)anthracene	21.327	228	1601255	19.302	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.245	149	826671	22.094	ng/ul#	97
87) Chrysene	21.374	228	1482605	18.567	ng/ul	99
89) Di-n-octyl phthalate	22.174	149	1455794	21.220	ng/ul	100
90) Benzo(b)fluoranthene	23.015	252	1610194	18.564	ng/ul#	97
91) Benzo(k)fluoranthene	23.062	252	1579119	18.508	ng/ul#	98
93) Benzo(a)pyrene	23.645	252	1450529	18.744	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.268	276	1787787	18.271	ng/ul#	92
95) Dibenzo(a,h)anthracene	26.286	278	1607241	18.310	ng/ul#	96
96) Benzo(g,h,i)perylene	27.039	276	1580819	17.919	ng/ul#	94

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

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