Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081122\
Data File : BP011396.D
Acq On : 11 Aug 2022 20:48
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020739

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 08/12/2022
Supervised By :Sohil Jodhani 08/13/2022

Quant Time: Aug 11 23:07:30 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP080822.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 11 23:05:53 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.575	152	118693	20.000	ng/ul		0.00
20) Naphthalene-d8	10.369	136	504576	20.000	ng/ul		0.00
38) Acenaphthene-d10	14.251	164	308917	20.000	ng/ul		0.00
64) Phenanthrene-d10	17.028	188	648820	20.000	ng/ul	#	0.00
79) Chrysene-d12	21.157	240	686214	20.000	ng/ul	#	0.00
88) Perylene-d12	23.462	264	732633	20.000	ng/ul		0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.081	96	29896	7.722	ng/uL		0.00
4) Pyridine-d5	3.487	84	189448	19.398	ng/ul		0.00
7) Phenol-d5	6.763	99	202147	19.245	ng/ul		0.00
9) Bis-(2-Chloroethyl)eth...	6.928	67	142676	19.157	ng/ul		0.00
11) 2-Chlorophenol-d4	7.110	132	181605	22.035	ng/ul		0.00
15) 4-Methylphenol-d8	8.304	113	172613	20.929	ng/ul		0.00
21) Nitrobenzene-d5	8.746	128	83876	24.425	ng/ul		0.00
24) 2-Nitrophenol-d4	9.463	143	87250	27.751	ng/ul		0.00
28) 2,4-Dichlorophenol-d3	9.999	165	155762	24.533	ng/ul		0.00
31) 4-Chloroaniline-d4	10.522	131	247483	22.296	ng/ul		0.00
46) Dimethylphthalate-d6	13.681	166	512594	23.915	ng/ul		0.00
49) Acenaphthylene-d8	13.945	160	582912	22.592	ng/ul		0.00
54) 4-Nitrophenol-d4	14.481	143	84168	21.500	ng/ul		0.00
60) Fluorene-d10	15.257	176	420515	22.941	ng/ul		0.00
65) 4,6-Dinitro-2-methylph...	15.392	200	73766	24.477	ng/ul		0.00
73) Anthracene-d10	17.128	188	655295	22.470	ng/ul		0.00
81) Pyrene-d10	19.386	212	773445	20.458	ng/ul		0.00
92) Benzo(a)pyrene-d12	23.315	264	795136	21.521	ng/ul		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.117	88	31058	7.552	ng/uL	#	86
5) Pyridine	3.511	79	193996	19.070	ng/ul		90
6) Benzaldehyde	6.734	77	64099	14.002	ng/ul		99
8) Phenol	6.787	94	216004	18.998	ng/ul		90
10) Bis(2-Chloroethyl)ether	7.022	93	177059	19.336	ng/ul		96
12) 2-Chlorophenol	7.146	128	187046	21.780	ng/ul		96
13) 2-Methylphenol	8.034	108	162829	19.885	ng/ul		95
14) 2,2'-oxybis(1-Chloropr...	8.122	45	255759	18.622	ng/ul	#	93
16) Acetophenone	8.410	105	279109	20.917	ng/ul		98
17) N-Nitroso-di-n-propyla...	8.399	70	146420	22.274	ng/ul		98
18) 4-Methylphenol	8.363	108	178252	20.309	ng/ul		98
19) Hexachloroethane	8.646	117	83231	22.953	ng/ul		91
22) Nitrobenzene	8.787	77	216878	22.561	ng/ul		97
23) Isophorone	9.316	82	399690	22.666	ng/ul		97
25) 2-Nitrophenol	9.493	139	97776	26.685	ng/ul	#	89
26) 2,4-Dimethylphenol	9.563	107	216133	23.345	ng/ul		95
27) Bis(2-Chloroethoxy)met...	9.804	93	234227	20.785	ng/ul		99
29) 2,4-Dichlorophenol	10.022	162	158860	23.926	ng/ul		96
30) Naphthalene	10.416	128	587478	21.400	ng/ul		99
32) 4-Chloroaniline	10.546	127	242880	21.830	ng/ul		98
33) Hexachlorobutadiene	10.698	225	112748	27.680	ng/ul		96
34) Caprolactam	11.340	113	52678	23.725	ng/ul		94
35) 4-Chloro-3-methylphenol	11.687	107	187096	23.967	ng/ul		99
36) 2-Methylnaphthalene	12.045	142	384277	22.583	ng/ul		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.269	142	394625	22.863	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.422	216	188864	23.223	ng/ul	99
40) Hexachlorocyclopentadiene	12.393	237	103896	23.840	ng/ul	100
41) 2,4,6-Trichlorophenol	12.675	196	117754	23.930	ng/ul	100
42) 2,4,5-Trichlorophenol	12.745	196	126337	24.056	ng/ul	98
43) 1,1'-Biphenyl	13.081	154	499834	20.605	ng/ul	97
44) 2-Chloronaphthalene	13.116	162	385478	21.180	ng/ul	96
45) 2-Nitroaniline	13.340	65	123969	26.819	ng/ul	96
47) Dimethylphthalate	13.728	163	513547	23.655	ng/ul	99
48) 2,6-Dinitrotoluene	13.845	165	94897	27.956	ng/ul	94
50) Acenaphthylene	13.975	152	642575	21.605	ng/ul	99
51) 3-Nitroaniline	14.181	138	64350	17.233	ng/ul	88
52) Acenaphthene	14.316	153	427290	21.541	ng/ul	98
53) 2,4-Dinitrophenol	14.387	184	44745	22.217	ng/ul#	91
55) 4-Nitrophenol	14.498	109	93652	25.787	ng/ul#	73
56) Dibenzofuran	14.657	168	585720	21.781	ng/ul	94
57) 2,4-Dinitrotoluene	14.639	165	142250	27.340	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.892	232	113300	27.731	ng/ul	93
59) Diethylphthalate	15.104	149	563602	25.060	ng/ul	98
61) Fluorene	15.316	166	488115	22.350	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.316	204	229883	24.080	ng/ul	95
63) 4-Nitroaniline	15.351	138	67453m	18.564	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.404	198	74724	24.080	ng/ul#	97
67) N-Nitrosodiphenylamine	15.534	169	416629	21.791	ng/ul	100
68) 4-Bromophenyl-phenylether	16.216	248	144757	25.212	ng/ul	97
69) Hexachlorobenzene	16.316	284	173418	25.854	ng/ul	96
70) Atrazine	16.510	200	157187	24.665	ng/ul	98
71) Pentachlorophenol	16.675	266	97086	24.932	ng/ul	95
72) Phenanthrene	17.069	178	776639	21.347	ng/ul	99
74) Anthracene	17.163	178	788420	21.769	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.034	216	198305	21.290	ng/uL	100
76) Pentachlorobenzene	14.569	250	195834	24.141	ng/uL	95
77) Carbazole	17.445	167	721822	21.328	ng/ul	100
78) Di-n-butylphthalate	18.016	149	941066	25.429	ng/ul	99
80) Fluoranthene	19.063	202	917990	19.949	ng/ul#	91
82) Pyrene	19.416	202	959951	19.764	ng/ul#	89
83) Butylbenzylphthalate	20.316	149	431752	27.895	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.086	252	268663	21.513	ng/ul	99
85) Benzo(a)anthracene	21.139	228	928070	21.081	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.086	149	636639	25.622	ng/ul	99
87) Chrysene	21.192	228	916502	21.030	ng/ul	100
89) Di-n-octyl phthalate	21.980	149	1077740	21.202	ng/ul	100
90) Benzo(b)fluoranthene	22.763	252	997638	20.690	ng/ul#	96
91) Benzo(k)fluoranthene	22.810	252	942190	19.971	ng/ul#	96
93) Benzo(a)pyrene	23.363	252	971627	20.892	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	25.839	276	1117575	21.737	ng/ul#	91
95) Dibenzo(a,h)anthracene	25.862	278	961286	21.985	ng/ul#	92
96) Benzo(g,h,i)perylene	26.568	276	950451	21.908	ng/ul#	91

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

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