Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082222\
Data File : BP011533.D
Acq On : 22 Aug 2022 15:23
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020753

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 08/24/2022
Supervised By :Sohil Jodhani 08/24/2022

Quant Time: Aug 22 18:14:13 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 17 01:58:37 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.552	152	67397	20.000	ng/ul	0.00
20) Naphthalene-d8	10.334	136	299510	20.000	ng/ul	-0.02
38) Acenaphthene-d10	14.222	164	183590	20.000	ng/ul	-0.01
64) Phenanthrene-d10	16.992	188	371488	20.000	ng/ul	-0.01
79) Chrysene-d12	21.127	240	359008	20.000	ng/ul	0.00
88) Perylene-d12	23.415	264	359458	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.064	96	15852	7.299	ng/uL	0.00
4) Pyridine-d5	3.475	84	98724	17.754	ng/ul	0.00
7) Phenol-d5	6.734	99	108625	17.539	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	6.899	67	75360	18.729	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.081	132	90702	19.911	ng/ul	-0.01
15) 4-Methylphenol-d8	8.275	113	88637	17.880	ng/ul	0.00
21) Nitrobenzene-d5	8.716	128	43338	20.099	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.434	143	44339	20.205	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.963	165	82097	20.267	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.487	131	124585	18.476	ng/ul	-0.01
46) Dimethylphthalate-d6	13.651	166	249014	19.177	ng/ul	0.00
49) Acenaphthylene-d8	13.910	160	285525	19.784	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.451	143	42580	17.020	ng/ul	-0.01
60) Fluorene-d10	15.228	176	210329	19.254	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.363	200	36840	18.353	ng/ul	0.00
73) Anthracene-d10	17.092	188	321812	19.560	ng/ul	-0.01
81) Pyrene-d10	19.357	212	349174	19.224	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.263	264	338664	19.368	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.099	88	15810	6.981	ng/uL	93
5) Pyridine	3.493	79	101241	18.240	ng/ul	93
6) Benzaldehyde	6.705	77	59210	20.832	ng/ul	98
8) Phenol	6.763	94	112505	17.676	ng/ul	93
10) Bis(2-Chloroethyl)ether	6.993	93	90368	18.202	ng/ul	99
12) 2-Chlorophenol	7.116	128	93827	19.141	ng/ul	98
13) 2-Methylphenol	8.005	108	85652	18.267	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.087	45	145926	19.840	ng/ul	98
16) Acetophenone	8.381	105	151719	18.398	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.369	70	79383	19.353	ng/ul	94
18) 4-Methylphenol	8.334	108	94608	18.225	ng/ul	95
19) Hexachloroethane	8.610	117	44353	19.948	ng/ul	98
22) Nitrobenzene	8.757	77	122343	20.129	ng/ul	98
23) Isophorone	9.287	82	214448	20.100	ng/ul	99
25) 2-Nitrophenol	9.463	139	50508	20.173	ng/ul	93
26) 2,4-Dimethylphenol	9.534	107	119017	20.020	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.775	93	123216	19.107	ng/ul	98
29) 2,4-Dichlorophenol	9.993	162	82428	19.883	ng/ul	94
30) Naphthalene	10.387	128	304534	19.257	ng/ul	99
32) 4-Chloroaniline	10.516	127	129316	18.510	ng/ul	95
33) Hexachlorobutadiene	10.663	225	56539	21.423	ng/ul	98
34) Caprolactam	11.310	113	25602	17.032	ng/ul	96
35) 4-Chloro-3-methylphenol	11.651	107	101784	19.420	ng/ul	98
36) 2-Methylnaphthalene	12.016	142	201229	19.558	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.234	142	204363	19.584	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.387	216	93113	19.982	ng/ul	95
40) Hexachlorocyclopentadiene	12.363	237	63647	22.016	ng/ul	96
41) 2,4,6-Trichlorophenol	12.640	196	62439	20.819	ng/ul	96
42) 2,4,5-Trichlorophenol	12.710	196	67070	20.090	ng/ul	100
43) 1,1'-Biphenyl	13.045	154	262668	19.201	ng/ul	98
44) 2-Chloronaphthalene	13.087	162	198295	19.236	ng/ul	98
45) 2-Nitroaniline	13.310	65	71500	20.322	ng/ul	97
47) Dimethylphthalate	13.698	163	260243	19.391	ng/ul	99
48) 2,6-Dinitrotoluene	13.822	165	47519	19.694	ng/ul	97
50) Acenaphthylene	13.940	152	333133	19.430	ng/ul	98
51) 3-Nitroaniline	14.151	138	44361	16.879	ng/ul	99
52) Acenaphthene	14.287	153	221000	19.245	ng/ul	98
53) 2,4-Dinitrophenol	14.363	184	28436	19.255	ng/ul	92
55) 4-Nitrophenol	14.469	109	55972	18.777	ng/ul	91
56) Dibenzofuran	14.628	168	303968	19.195	ng/ul	99
57) 2,4-Dinitrotoluene	14.616	165	73281	20.288	ng/ul	89
58) 2,3,4,6-Tetrachlorophenol	14.857	232	53181	20.289	ng/ul	95
59) Diethylphthalate	15.075	149	289195	19.674	ng/ul	98
61) Fluorene	15.281	166	249777	19.280	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.287	204	115029	19.654	ng/ul	99
63) 4-Nitroaniline	15.322	138	48401m	19.066	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.381	198	36496	17.576	ng/ul	95
67) N-Nitrosodiphenylamine	15.504	169	211838	19.437	ng/ul	99
68) 4-Bromophenyl-phenylether	16.186	248	66966	20.194	ng/ul	95
69) Hexachlorobenzene	16.286	284	78397	20.513	ng/ul	98
70) Atrazine	16.481	200	77514	19.058	ng/ul	97
71) Pentachlorophenol	16.645	266	49582	20.923	ng/ul	97
72) Phenanthrene	17.039	178	383735	19.084	ng/ul	99
74) Anthracene	17.128	178	393236	19.385	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.004	216	95789	20.059	ng/uL	99
76) Pentachlorobenzene	14.539	250	92007	20.305	ng/uL	98
77) Carbazole	17.410	167	356046	18.660	ng/ul	99
78) Di-n-butylphthalate	17.986	149	485365	20.657	ng/ul	99
80) Fluoranthene	19.033	202	429862	19.244	ng/ul	95
82) Pyrene	19.386	202	445236	18.970	ng/ul	97
83) Butylbenzylphthalate	20.286	149	212011	20.136	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.051	252	123312	18.144	ng/ul	98
85) Benzo(a)anthracene	21.110	228	418448	19.131	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.051	149	328218	21.065	ng/ul	99
87) Chrysene	21.163	228	410742	19.117	ng/ul	99
89) Di-n-octyl phthalate	21.945	149	554482	19.189	ng/ul	100
90) Benzo(b)fluoranthene	22.716	252	428450	19.162	ng/ul	99
91) Benzo(k)fluoranthene	22.763	252	408694	19.153	ng/ul	97
93) Benzo(a)pyrene	23.310	252	418438	19.168	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.768	276	467605	19.204	ng/ul	98
95) Dibenzo(a,h)anthracene	25.786	278	400024	19.080	ng/ul	97
96) Benzo(g,h,i)perylene	26.492	276	393079	18.978	ng/ul	97

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

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