Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082322\
Data File : BP011542.D
Acq On : 23 Aug 2022 15:12
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020755

Manual Integrations APPROVED

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

Quant Time: Aug 23 16:37:32 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	62114	20.000	ng/ul	0.00
20) Naphthalene-d8	10.340	136	280851	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.228	164	173424	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.998	188	349941	20.000	ng/ul	0.00
79) Chrysene-d12	21.127	240	336621	20.000	ng/ul	0.00
88) Perylene-d12	23.416	264	345511	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.064	96	14685	7.337	ng/uL	0.00
4) Pyridine-d5	3.475	84	88787	17.325	ng/ul	0.00
7) Phenol-d5	6.734	99	100532	17.612	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	6.899	67	68052	18.351	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.087	132	83041	19.780	ng/ul	0.00
15) 4-Methylphenol-d8	8.275	113	83417	18.258	ng/ul	0.00
21) Nitrobenzene-d5	8.716	128	40370	19.966	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.434	143	41909	20.366	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.969	165	75197	19.797	ng/ul	0.00
31) 4-Chloroaniline-d4	10.493	131	117427	18.572	ng/ul	0.00
46) Dimethylphthalate-d6	13.651	166	231286	18.856	ng/ul	0.00
49) Acenaphthylene-d8	13.916	160	264171	19.378	ng/ul	0.00
54) 4-Nitrophenol-d4	14.457	143	41346	17.495	ng/ul	0.00
60) Fluorene-d10	15.228	176	196365	19.029	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.369	200	34760	18.383	ng/ul	0.00
73) Anthracene-d10	17.098	188	302031	19.488	ng/ul	0.00
81) Pyrene-d10	19.357	212	330820	19.424	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.269	264	320458	19.067	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.099	88	14989	7.182	ng/uL	97
5) Pyridine	3.493	79	92450	18.073	ng/ul	90
6) Benzaldehyde	6.705	77	54122	20.661	ng/ul	97
8) Phenol	6.764	94	104521	17.819	ng/ul	96
10) Bis(2-Chloroethyl)ether	6.993	93	83084	18.158	ng/ul	99
12) 2-Chlorophenol	7.116	128	88126	19.508	ng/ul	98
13) 2-Methylphenol	8.005	108	78018	18.054	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.093	45	129619	19.122	ng/ul	99
16) Acetophenone	8.381	105	139101	18.302	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.369	70	72014	19.049	ng/ul	94
18) 4-Methylphenol	8.340	108	86334	18.046	ng/ul	97
19) Hexachloroethane	8.616	117	41111	20.062	ng/ul	98
22) Nitrobenzene	8.758	77	112331	19.710	ng/ul	98
23) Isophorone	9.287	82	194179	19.410	ng/ul	99
25) 2-Nitrophenol	9.463	139	47198	20.103	ng/ul	95
26) 2,4-Dimethylphenol	9.534	107	110547	19.831	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.775	93	115464	19.094	ng/ul	98
29) 2,4-Dichlorophenol	9.993	162	77326	19.892	ng/ul	97
30) Naphthalene	10.387	128	281142	18.959	ng/ul	100
32) 4-Chloroaniline	10.516	127	120143	18.340	ng/ul	98
33) Hexachlorobutadiene	10.669	225	52112	21.058	ng/ul	98
34) Caprolactam	11.310	113	24567	17.429	ng/ul	96
35) 4-Chloro-3-methylphenol	11.657	107	94655	19.259	ng/ul	100
36) 2-Methylnaphthalene	12.016	142	187806	19.466	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.240	142	188769	19.291	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.393	216	86335	19.614	ng/ul	98
40) Hexachlorocyclopentadiene	12.363	237	60349	22.099	ng/ul	96
41) 2,4,6-Trichlorophenol	12.646	196	56585	19.973	ng/ul	92
42) 2,4,5-Trichlorophenol	12.716	196	62346	19.769	ng/ul	99
43) 1,1'-Biphenyl	13.051	154	246299	19.060	ng/ul	98
44) 2-Chloronaphthalene	13.087	162	184886	18.987	ng/ul	97
45) 2-Nitroaniline	13.310	65	67584	20.335	ng/ul	91
47) Dimethylphthalate	13.698	163	237285	18.717	ng/ul	99
48) 2,6-Dinitrotoluene	13.822	165	43888	19.256	ng/ul	91
50) Acenaphthylene	13.946	152	307845	19.008	ng/ul	99
51) 3-Nitroaniline	14.151	138	41535	16.730	ng/ul	99
52) Acenaphthene	14.287	153	205936	18.984	ng/ul	99
53) 2,4-Dinitrophenol	14.363	184	26533	19.020	ng/ul	87
55) 4-Nitrophenol	14.469	109	54388	19.315	ng/ul	86
56) Dibenzofuran	14.628	168	287200	19.199	ng/ul	96
57) 2,4-Dinitrotoluene	14.616	165	67800	19.871	ng/ul	89
58) 2,3,4,6-Tetrachlorophenol	14.863	232	50331	20.328	ng/ul	99
59) Diethylphthalate	15.075	149	271659	19.564	ng/ul	99
61) Fluorene	15.287	166	232756	19.019	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.287	204	108153	19.563	ng/ul	96
63) 4-Nitroaniline	15.328	138	44846m	18.701	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.381	198	36175	18.494	ng/ul#	91
67) N-Nitrosodiphenylamine	15.510	169	198488	19.333	ng/ul	98
68) 4-Bromophenyl-phenylether	16.187	248	61250	19.607	ng/ul	93
69) Hexachlorobenzene	16.292	284	71693	19.914	ng/ul	98
70) Atrazine	16.481	200	70867	18.496	ng/ul	99
71) Pentachlorophenol	16.645	266	46177	20.686	ng/ul	97
72) Phenanthrene	17.039	178	359698	18.990	ng/ul	99
74) Anthracene	17.134	178	369058	19.313	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.010	216	89108	19.809	ng/uL	96
76) Pentachlorobenzene	14.545	250	86787	20.332	ng/uL	96
77) Carbazole	17.416	167	336006	18.694	ng/ul	99
78) Di-n-butylphthalate	17.986	149	451531	20.400	ng/ul	99
80) Fluoranthene	19.033	202	407117	19.438	ng/ul	96
82) Pyrene	19.386	202	421982	19.175	ng/ul	96
83) Butylbenzylphthalate	20.286	149	200252	20.284	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.057	252	117776	18.482	ng/ul	98
85) Benzo(a)anthracene	21.110	228	395214	19.271	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.057	149	304794	20.863	ng/ul	98
87) Chrysene	21.163	228	389692	19.343	ng/ul	99
89) Di-n-octyl phthalate	21.945	149	517168	18.621	ng/ul	100
90) Benzo(b)fluoranthene	22.722	252	408369	19.001	ng/ul	99
91) Benzo(k)fluoranthene	22.769	252	385372	18.790	ng/ul	98
93) Benzo(a)pyrene	23.316	252	400433	19.084	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.774	276	452285	19.325	ng/ul	99
95) Dibenzo(a,h)anthracene	25.798	278	386368	19.172	ng/ul	96
96) Benzo(g,h,i)perylene	26.498	276	380436	19.109	ng/ul	99

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

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