Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112522\
Data File : BP012730.D
Acq On : 25 Nov 2022 17:08
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020675

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/26/2022
Supervised By :mohammad ahmed 11/30/2022

Quant Time: Nov 26 06:26:25 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112522.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 25 15:59:22 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.022	152	462478	20.000	ng/ul	0.00
20) Naphthalene-d8	10.840	136	2049913	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.657	164	1375976	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.416	188	2938564	20.000	ng/ul	0.00
79) Chrysene-d12	21.504	240	3047056	20.000	ng/ul	0.00
88) Perylene-d12	24.027	264	2913752	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.399	96	91866	8.512	ng/uL	0.00
4) Pyridine-d5	3.817	84	686947	21.269	ng/ul	0.00
7) Phenol-d5	7.169	99	793338	20.876	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.346	67	503882	21.517	ng/ul	0.00
11) 2-Chlorophenol-d4	7.552	132	627796	21.680	ng/ul	0.00
15) 4-Methylphenol-d8	8.722	113	652879	21.322	ng/ul	0.00
21) Nitrobenzene-d5	9.193	128	294734	23.491	ng/ul	0.00
24) 2-Nitrophenol-d4	9.916	143	316010	23.721	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.452	165	691321	22.240	ng/ul	0.00
31) 4-Chloroaniline-d4	10.969	131	958168	22.510	ng/ul	0.00
46) Dimethylphthalate-d6	14.063	166	2075996	21.919	ng/ul	0.00
49) Acenaphthylene-d8	14.351	160	2438084	22.062	ng/ul	0.00
54) 4-Nitrophenol-d4	14.840	143	381568	22.597	ng/ul	0.00
60) Fluorene-d10	15.651	176	1821961	21.966	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.763	200	297224	21.162	ng/ul	0.00
73) Anthracene-d10	17.516	188	2861599	22.122	ng/ul	0.00
81) Pyrene-d10	19.739	212	3331828	18.818	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.857	264	3086343	21.565	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.434	88	98322	8.483	ng/uL	99
5) Pyridine	3.840	79	679172	21.491	ng/ul	99
6) Benzaldehyde	7.152	77	397638	21.430	ng/ul	99
8) Phenol	7.193	94	844925	21.203	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.440	93	707725	21.676	ng/ul	99
12) 2-Chlorophenol	7.581	128	680392	21.600	ng/ul	99
13) 2-Methylphenol	8.458	108	656343	21.192	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.558	45	1020795	21.676	ng/ul	100
16) Acetophenone	8.852	105	1109442	22.861	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.834	70	542830	22.706	ng/ul	99
18) 4-Methylphenol	8.787	108	738882	21.663	ng/ul	97
19) Hexachloroethane	9.116	117	258124	21.369	ng/ul	98
22) Nitrobenzene	9.234	77	753880	22.910	ng/ul	98
23) Isophorone	9.758	82	1605788	22.135	ng/ul	100
25) 2-Nitrophenol	9.946	139	385796	24.126	ng/ul	96
26) 2,4-Dimethylphenol	9.999	107	795336	22.383	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.246	93	979361	22.020	ng/ul	99
29) 2,4-Dichlorophenol	10.481	162	709479	22.033	ng/ul	99
30) Naphthalene	10.893	128	2344595	21.843	ng/ul	99
32) 4-Chloroaniline	10.999	127	1007138	23.038	ng/ul	100
33) Hexachlorobutadiene	11.181	225	465695	21.713	ng/ul	99
34) Caprolactam	11.757	113	217096m	21.955	ng/ul	
35) 4-Chloro-3-methylphenol	12.104	107	732393	22.460	ng/ul	98
36) 2-Methylnaphthalene	12.493	142	1638439	22.166	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.710	142	1658708	22.391	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.857	216	935316	21.317	ng/ul	98
40) Hexachlorocyclopentadiene	12.840	237	420997	19.913	ng/ul	98
41) 2,4,6-Trichlorophenol	13.093	196	596439	21.725	ng/ul	99
42) 2,4,5-Trichlorophenol	13.157	196	646573	21.908	ng/ul	99
43) 1,1'-Biphenyl	13.499	154	2171118	21.660	ng/ul	99
44) 2-Chloronaphthalene	13.540	162	1737428	21.667	ng/ul	99
45) 2-Nitroaniline	13.734	65	385892	24.596	ng/ul	94
47) Dimethylphthalate	14.110	163	2176605	21.924	ng/ul	98
48) 2,6-Dinitrotoluene	14.228	165	377877	24.321	ng/ul	98
50) Acenaphthylene	14.381	152	2661482	22.025	ng/ul	99
51) 3-Nitroaniline	14.557	138	378445	21.031	ng/ul	98
52) Acenaphthene	14.722	153	1854859	21.803	ng/ul	99
53) 2,4-Dinitrophenol	14.757	184	199529	19.985	ng/ul	99
55) 4-Nitrophenol	14.851	109	280335	22.851	ng/ul	99
56) Dibenzofuran	15.057	168	2573621	21.948	ng/ul	99
57) 2,4-Dinitrotoluene	15.016	165	565650	24.670	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.281	232	570854	22.441	ng/ul	98
59) Diethylphthalate	15.481	149	2136148	22.228	ng/ul	99
61) Fluorene	15.710	166	2120283	22.547	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.704	204	1091476	22.371	ng/ul	100
63) 4-Nitroaniline	15.722	138	340864	22.226	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.775	198	328731	21.805	ng/ul	98
67) N-Nitrosodiphenylamine	15.916	169	1813979	21.720	ng/ul	99
68) 4-Bromophenyl-phenylether	16.598	248	642773	22.224	ng/ul	96
69) Hexachlorobenzene	16.716	284	792475	21.498	ng/ul	98
70) Atrazine	16.869	200	617926	21.565	ng/ul	99
71) Pentachlorophenol	17.057	266	483103	21.341	ng/ul	98
72) Phenanthrene	17.457	178	3434960	21.933	ng/ul	99
74) Anthracene	17.551	178	3458612	22.322	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.463	216	936016	20.604	ng/uL	99
76) Pentachlorobenzene	14.975	250	995202	21.074	ng/uL	99
77) Carbazole	17.816	167	3106523	23.701	ng/ul	99
78) Di-n-butylphthalate	18.363	149	3615049	23.298	ng/ul	99
80) Fluoranthene	19.416	202	4077736	18.516	ng/ul	99
82) Pyrene	19.769	202	4264800	18.724	ng/ul	100
83) Butylbenzylphthalate	20.645	149	1183074	22.196	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.416	252	1307180	23.361	ng/ul	99
85) Benzo(a)anthracene	21.486	228	4307734	20.440	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.410	149	1947614	23.893	ng/ul	100
87) Chrysene	21.545	228	4058610	19.918	ng/ul	100
89) Di-n-octyl phthalate	22.380	149	3495283	21.006	ng/ul	100
90) Benzo(b)fluoranthene	23.251	252	4163845	19.298	ng/ul	100
91) Benzo(k)fluoranthene	23.304	252	4292554	19.931	ng/ul	99
93) Benzo(a)pyrene	23.916	252	3633516	20.479	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.668	276	3823924	22.339	ng/ul	100
95) Dibenzo(a,h)anthracene	26.686	278	3479911	22.404	ng/ul	100
96) Benzo(g,h,i)perylene	27.480	276	3217862	21.855	ng/ul	99

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

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