Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
Data File : BP020334.D
Acq On : 12 May 2024 00:27
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020794

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/13/2024
Supervised By :mohammad ahmed 05/14/2024

Quant Time: May 13 00:32:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 13 00:21:03 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.605	152	79807	20.000	ng/ul	0.00
20) Naphthalene-d8	10.387	136	331224	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.287	164	236184	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.128	188	539409	20.000	ng/ul	0.00
79) Chrysene-d12	21.616	240	565597	20.000	ng/ul	0.00
88) Perylene-d12	24.968	264	650817	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.211	96	14111	7.467	ng/uL	0.00
4) Pyridine-d5	3.617	84	87862	16.002	ng/ul	0.00
7) Phenol-d5	6.799	99	117627	17.162	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.964	67	70327	16.892	ng/ul	0.00
11) 2-Chlorophenol-d4	7.146	132	91841	18.745	ng/ul	0.00
15) 4-Methylphenol-d8	8.322	113	99111	17.887	ng/ul	0.00
21) Nitrobenzene-d5	8.769	128	47584	19.185	ng/ul	0.00
24) 2-Nitrophenol-d4	9.481	143	55621	19.583	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.028	165	102737	19.821	ng/ul	0.00
31) 4-Chloroaniline-d4	10.546	131	133931	18.462	ng/ul	0.00
46) Dimethylphthalate-d6	13.710	166	324679	18.825	ng/ul	0.00
49) Acenaphthylene-d8	13.975	160	361148	18.955	ng/ul	0.00
54) 4-Nitrophenol-d4	14.569	143	33601	12.676	ng/ul	0.00
60) Fluorene-d10	15.310	176	279076	19.399	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.475	200	57935	16.926	ng/ul	0.00
73) Anthracene-d10	17.234	188	464443	19.903	ng/ul	0.00
81) Pyrene-d10	19.633	212	574278	17.370	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.739	264	587401	18.667	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.246	88	14492	6.758	ng/uL	92
5) Pyridine	3.634	79	96540	17.383	ng/ul	93
6) Benzaldehyde	6.787	77	68879	19.994	ng/ul	97
8) Phenol	6.828	94	128256	18.131	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.058	93	97055	17.534	ng/ul	99
12) 2-Chlorophenol	7.181	128	97688	19.096	ng/ul	97
13) 2-Methylphenol	8.058	108	94094	17.832	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.134	45	117926	17.078	ng/ul	99
16) Acetophenone	8.440	105	165845	18.034	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.416	70	86327	17.298	ng/ul	96
18) 4-Methylphenol	8.387	108	103745	18.089	ng/ul	95
19) Hexachloroethane	8.658	117	43628	18.650	ng/ul	89
22) Nitrobenzene	8.810	77	131103	18.413	ng/ul	97
23) Isophorone	9.334	82	240889	17.594	ng/ul	99
25) 2-Nitrophenol	9.516	139	58160	19.768	ng/ul	93
26) 2,4-Dimethylphenol	9.575	107	120524	18.777	ng/ul	96
27) Bis(2-Chloroethoxy)met...	9.816	93	135256	17.820	ng/ul	98
29) 2,4-Dichlorophenol	10.052	162	98943	19.625	ng/ul	99
30) Naphthalene	10.434	128	328429	19.237	ng/ul	98
32) 4-Chloroaniline	10.569	127	133015	18.751	ng/ul	99
33) Hexachlorobutadiene	10.699	225	75072	19.171	ng/ul	97
34) Caprolactam	11.387	113	33125	18.817	ng/ul	87
35) 4-Chloro-3-methylphenol	11.716	107	121239	19.314	ng/ul	99
36) 2-Methylnaphthalene	12.063	142	225471	18.981	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.287	142	232540	19.453	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.440	216	143037	19.419	ng/ul	98
40) Hexachlorocyclopentadiene	12.393	237	43883	10.954	ng/ul	92
41) 2,4,6-Trichlorophenol	12.698	196	89806	19.442	ng/ul	100
42) 2,4,5-Trichlorophenol	12.787	196	98495	19.815	ng/ul	99
43) 1,1'-Biphenyl	13.104	154	304931	18.254	ng/ul	98
44) 2-Chloronaphthalene	13.140	162	255405	19.268	ng/ul	98
45) 2-Nitroaniline	13.387	65	82343	18.728	ng/ul	98
47) Dimethylphthalate	13.757	163	335542	19.260	ng/ul	99
48) 2,6-Dinitrotoluene	13.893	165	70524	20.363	ng/ul	97
50) Acenaphthylene	14.004	152	409014	19.086	ng/ul	100
51) 3-Nitroaniline	14.240	138	61631	19.079	ng/ul	97
52) Acenaphthene	14.357	153	276121	19.173	ng/ul	98
53) 2,4-Dinitrophenol	14.475	184	28567	13.438	ng/ul	94
55) 4-Nitrophenol	14.587	109	58183	21.082	ng/ul	94
56) Dibenzofuran	14.704	168	387529	19.566	ng/ul	100
57) 2,4-Dinitrotoluene	14.710	165	103228	20.731	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	14.945	232	91357	20.467	ng/ul	95
59) Diethylphthalate	15.151	149	333768	19.192	ng/ul	99
61) Fluorene	15.375	166	325889	19.802	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.375	204	176874	20.258	ng/ul	96
63) 4-Nitroaniline	15.440	138	59100	21.954	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.492	198	60011	16.813	ng/ul	93
67) N-Nitrosodiphenylamine	15.604	169	279746	18.626	ng/ul	99
68) 4-Bromophenyl-phenylether	16.298	248	111651	19.109	ng/ul	98
69) Hexachlorobenzene	16.398	284	136845	20.222	ng/ul	97
70) Atrazine	16.604	200	96191	18.062	ng/ul	99
71) Pentachlorophenol	16.775	266	75816	18.535	ng/ul	97
72) Phenanthrene	17.175	178	533304	19.378	ng/ul	98
74) Anthracene	17.275	178	548888	19.609	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.057	216	148225	18.489	ng/uL	98
76) Pentachlorobenzene	14.610	250	150876	18.807	ng/uL	99
77) Carbazole	17.569	167	476572	19.763	ng/ul	100
78) Di-n-butylphthalate	18.163	149	576601	19.727	ng/ul	99
80) Fluoranthene	19.286	202	665554	17.105	ng/ul	98
82) Pyrene	19.663	202	696068	17.194	ng/ul	99
83) Butylbenzylphthalate	20.639	149	272578	17.737	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.533	252	222471	19.327	ng/ul	98
85) Benzo(a)anthracene	21.592	228	720210	18.774	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.545	149	400337	18.057	ng/ul	98
87) Chrysene	21.663	228	675363	18.995	ng/ul	99
89) Di-n-octyl phthalate	22.833	149	678382	16.276	ng/ul	100
90) Benzo(b)fluoranthene	23.921	252	732724	18.926	ng/ul	97
91) Benzo(k)fluoranthene	23.980	252	739465	18.743	ng/ul	100
93) Benzo(a)pyrene	24.816	252	683034	18.542	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.792	276	843321	18.675	ng/ul	98
95) Dibenzo(a,h)anthracene	28.862	278	694659	18.598	ng/ul	98
96) Benzo(g,h,i)perylene	29.980	276	680502m	18.685	ng/ul	

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

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