Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020325\
Data File : BP023913.D
Acq On : 04 Feb 2025 15:17
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020793

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/05/2025
Supervised By :mohammad ahmed 02/06/2025

Quant Time: Feb 05 07:45:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 03 11:19:36 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	500893	20.000	ng/ul	0.00
20) Naphthalene-d8	10.552	136	2185722	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.398	164	1376537	20.000	ng/ul	0.01
64) Phenanthrene-d10	17.192	188	2668341	20.000	ng/ul	0.00
79) Chrysene-d12	21.633	240	2732451	20.000	ng/ul	0.00
88) Perylene-d12	25.004	264	2818396	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	101729	8.438	ng/uL	0.00
4) Pyridine-d5	3.705	84	767260	22.056	ng/ul	0.00
7) Phenol-d5	6.958	99	966920	21.813	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.111	67	531074	22.634	ng/ul	0.00
11) 2-Chlorophenol-d4	7.316	132	777806	22.345	ng/ul	0.00
15) 4-Methylphenol-d8	8.481	113	776467	21.443	ng/ul	0.00
21) Nitrobenzene-d5	8.922	128	387782	22.175	ng/ul	0.00
24) 2-Nitrophenol-d4	9.634	143	412972	21.886	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.181	165	758916	21.924	ng/ul	0.01
31) 4-Chloroaniline-d4	10.681	131	1111991	21.480	ng/ul	0.00
46) Dimethylphthalate-d6	13.804	166	2117906	20.627	ng/ul	0.01
49) Acenaphthylene-d8	14.087	160	2526591	21.818	ng/ul	0.00
54) 4-Nitrophenol-d4	14.604	143	414123	20.309	ng/ul	0.00
60) Fluorene-d10	15.404	176	1861094	21.524	ng/ul	0.01
65) 4,6-Dinitro-2-methylph...	15.522	200	313766	19.060	ng/ul	0.01
73) Anthracene-d10	17.298	188	2884137	22.014	ng/ul	0.01
81) Pyrene-d10	19.657	212	3192912	21.808	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.780	264	3238328	22.022	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.328	88	108178	8.533	ng/uL	97
5) Pyridine	3.723	79	772462	22.180	ng/ul	99
6) Benzaldehyde	6.922	77	602523	27.694	ng/ul	99
8) Phenol	6.987	94	1005951	22.101	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.199	93	772791	22.304	ng/ul	99
12) 2-Chlorophenol	7.352	128	807905	22.528	ng/ul	99
13) 2-Methylphenol	8.222	108	740190	21.613	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.287	45	814334	22.781	ng/ul	100
16) Acetophenone	8.587	105	1232232	22.260	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.575	70	582955	22.364	ng/ul	98
18) 4-Methylphenol	8.546	108	833423	21.933	ng/ul	100
19) Hexachloroethane	8.846	117	318620	22.469	ng/ul	95
22) Nitrobenzene	8.963	77	855589	22.545	ng/ul	98
23) Isophorone	9.487	82	1616127	21.091	ng/ul	99
25) 2-Nitrophenol	9.669	139	451454	21.935	ng/ul	98
26) 2,4-Dimethylphenol	9.734	107	852128	22.370	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.958	93	1025246	21.480	ng/ul	100
29) 2,4-Dichlorophenol	10.205	162	769894	21.932	ng/ul	99
30) Naphthalene	10.599	128	2566955	21.940	ng/ul	100
32) 4-Chloroaniline	10.705	127	1060444	21.706	ng/ul	99
33) Hexachlorobutadiene	10.887	225	460393	21.664	ng/ul	99
34) Caprolactam	11.487	113	258807m	19.031	ng/ul	
35) 4-Chloro-3-methylphenol	11.834	107	798040	21.149	ng/ul	97
36) 2-Methylnaphthalene	12.210	142	1750787	21.283	ng/ul	99

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.422	142	1759556	21.561	ng/ul	100
39)	1,2,4,5-Tetrachloroben...	12.581	216	900404	22.126	ng/ul	99
40)	Hexachlorocyclopentadiene	12.563	237	392261	17.106	ng/ul	99
41)	2,4,6-Trichlorophenol	12.822	196	578289	21.274	ng/ul	98
42)	2,4,5-Trichlorophenol	12.899	196	631704	21.561	ng/ul	99
43)	1,1'-Biphenyl	13.222	154	2276576	22.280	ng/ul	99
44)	2-Chloronaphthalene	13.263	162	1777379	22.324	ng/ul	100
45)	2-Nitroaniline	13.463	65	468589	22.614	ng/ul	93
47)	Dimethylphthalate	13.846	163	2116354	20.716	ng/ul	100
48)	2,6-Dinitrotoluene	13.957	165	428467	21.461	ng/ul	96
50)	Acenaphthylene	14.116	152	2748740	22.289	ng/ul	100
51)	3-Nitroaniline	14.293	138	484027	22.060	ng/ul	95
52)	Acenaphthene	14.463	153	1933190	22.109	ng/ul	100
53)	2,4-Dinitrophenol	14.504	184	253490	21.297	ng/ul	99
55)	4-Nitrophenol	14.622	109	312336	21.651	ng/ul	93
56)	Dibenzofuran	14.804	168	2621113	21.634	ng/ul	99
57)	2,4-Dinitrotoluene	14.763	165	623819	21.007	ng/ul	92
58)	2,3,4,6-Tetrachlorophenol	15.034	232	507737	20.365	ng/ul	95
59)	Diethylphthalate	15.228	149	2149886	21.005	ng/ul	100
61)	Fluorene	15.463	166	2216902	22.056	ng/ul	99
62)	4-Chlorophenyl-phenyle...	15.463	204	1074412	21.594	ng/ul	100
63)	4-Nitroaniline	15.481	138	525231	24.604	ng/ul	95
66)	4,6-Dinitro-2-methylph...	15.540	198	352239	19.463	ng/ul#	96
67)	N-Nitrosodiphenylamine	15.675	169	1786356	21.936	ng/ul	99
68)	4-Bromophenyl-phenylether	16.369	248	636965	21.158	ng/ul	97
69)	Hexachlorobenzene	16.487	284	754118	20.674	ng/ul	96
70)	Atrazine	16.651	200	660220	20.936	ng/ul	99
71)	Pentachlorophenol	16.840	266	442923	19.741	ng/ul	99
72)	Phenanthrene	17.240	178	3346523	22.208	ng/ul	100
74)	Anthracene	17.334	178	3408522	22.430	ng/ul	99
75)	1,2,3,4-Tetrachloroben...	13.187	216	886610	22.691	ng/uL	99
76)	Pentachlorobenzene	14.722	250	924746	21.961	ng/uL	100
77)	Carbazole	17.610	167	3044354	22.867	ng/ul	99
78)	Di-n-butylphthalate	18.198	149	3616232	21.946	ng/ul	100
80)	Fluoranthene	19.316	202	3711600	22.009	ng/ul	99
82)	Pyrene	19.692	202	4059634	23.019	ng/ul	98
83)	Butylbenzylphthalate	20.639	149	1595269	21.005	ng/ul	97
84)	3,3'-Dichlorobenzidine	21.528	252	1201975	20.332	ng/ul	99
85)	Benzo(a)anthracene	21.616	228	3960376	22.041	ng/ul	99
86)	Bis(2-ethylhexyl)phtha...	21.557	149	2322139	20.956	ng/ul	99
87)	Chrysene	21.680	228	3710539	22.412	ng/ul	99
89)	Di-n-octyl phthalate	22.851	149	3744382	22.163	ng/ul	100
90)	Benzo(b)fluoranthene	23.939	252	3761365	21.994	ng/ul	99
91)	Benzo(k)fluoranthene	24.016	252	3811091	22.230	ng/ul	99
93)	Benzo(a)pyrene	24.857	252	3542946	22.184	ng/ul	99
94)	Indeno(1,2,3-cd)pyrene	28.851	276	4484435m	21.663	ng/ul	
95)	Dibenzo(a,h)anthracene	28.915	278	3653715m	21.758	ng/ul	
96)	Benzo(g,h,i)perylene	30.039	276	3432663	21.649	ng/ul	98

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

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