Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP013125\
Data File : BP023842.D
Acq On : 01 Feb 2025 02:54
Operator : RC/JU
Sample : Q1224-06MS
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A6305MS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

Quant Time: Feb 03 08:01:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 31 11:40:55 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	506920	20.000	ng/ul	0.02
20) Naphthalene-d8	10.551	136	2053139	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.404	164	1241781	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.192	188	2457908	20.000	ng/ul	-0.02
79) Chrysene-d12	21.645	240	2720045	20.000	ng/ul	0.00
88) Perylene-d12	25.021	264	2820280	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	61398	5.032	ng/uL	0.00
4) Pyridine-d5	3.705	84	854146	24.262	ng/ul	0.01
7) Phenol-d5	6.969	99	1157742	25.807	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.116	67	650908	27.412	ng/ul	0.02
11) 2-Chlorophenol-d4	7.322	132	979161	27.795	ng/ul	0.01
15) 4-Methylphenol-d8	8.487	113	878671	23.977	ng/ul	0.02
21) Nitrobenzene-d5	8.922	128	459120	27.950	ng/ul	0.01
24) 2-Nitrophenol-d4	9.640	143	484049	27.310	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.181	165	900673	27.700	ng/ul	0.00
31) 4-Chloroaniline-d4	10.687	131	1002683	20.620	ng/ul	0.00
46) Dimethylphthalate-d6	13.810	166	2389089	25.793	ng/ul	0.00
49) Acenaphthylene-d8	14.092	160	2375287	22.737	ng/ul	0.00
54) 4-Nitrophenol-d4	14.622	143	408966	22.233	ng/ul	0.00
60) Fluorene-d10	15.404	176	1555614	19.943	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.522	200	308426	20.340	ng/ul	-0.01
73) Anthracene-d10	17.292	188	2226609	18.450	ng/ul	-0.02
81) Pyrene-d10	19.663	212	2346947	16.103	ng/ul	-0.02
92) Benzo(a)pyrene-d12	24.792	264	2002249	13.607	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.328	88	180013	14.030	ng/uL	99
5) Pyridine	3.722	79	1272709	36.109	ng/ul	99
6) Benzaldehyde	6.928	77	279388	12.689	ng/ul	99
8) Phenol	6.993	94	1741446	37.805	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.205	93	1253777	35.755	ng/ul	99
12) 2-Chlorophenol	7.358	128	1358061	37.419	ng/ul	99
13) 2-Methylphenol	8.228	108	1228622	35.448	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.293	45	1293785	35.763	ng/ul	100
16) Acetophenone	8.593	105	1907261	34.045	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.575	70	902069	34.195	ng/ul	99
18) 4-Methylphenol	8.552	108	1349644	35.096	ng/ul	100
19) Hexachloroethane	8.852	117	529222	36.878	ng/ul	98
22) Nitrobenzene	8.963	77	1346928	37.784	ng/ul	99
23) Isophorone	9.493	82	2521153	35.027	ng/ul	99
25) 2-Nitrophenol	9.675	139	718089	37.143	ng/ul	99
26) 2,4-Dimethylphenol	9.740	107	1348111	37.675	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.963	93	1619800	36.128	ng/ul	99
29) 2,4-Dichlorophenol	10.210	162	1227723	37.233	ng/ul	99
30) Naphthalene	10.604	128	4048263	36.836	ng/ul	100
32) 4-Chloroaniline	10.710	127	930856	20.284	ng/ul	99
33) Hexachlorobutadiene	10.893	225	750048	37.574	ng/ul	98
34) Caprolactam	11.493	113	408543	31.981	ng/ul	97
35) 4-Chloro-3-methylphenol	11.846	107	1262757	35.625	ng/ul	99
36) 2-Methylnaphthalene	12.216	142	2789837	36.104	ng/ul	99

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Supervised By :mohammad ahmed 02/04/2025

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Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 31 11:40:55 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.434	142	2765776	36.080	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.581	216	1438675	39.190	ng/ul	99
40) Hexachlorocyclopentadiene	12.569	237	658536	31.834	ng/ul	99
41) 2,4,6-Trichlorophenol	12.822	196	941093	38.378	ng/ul	99
42) 2,4,5-Trichlorophenol	12.904	196	1023908	38.739	ng/ul	99
43) 1,1'-Biphenyl	13.228	154	3516051	38.145	ng/ul	99
44) 2-Chloronaphthalene	13.269	162	2772313	38.599	ng/ul	99
45) 2-Nitroaniline	13.469	65	709347	37.948	ng/ul	94
47) Dimethylphthalate	13.857	163	3333435	36.170	ng/ul	100
48) 2,6-Dinitrotoluene	13.969	165	678146	37.653	ng/ul	100
50) Acenaphthylene	14.122	152	4204118	37.789	ng/ul	99
51) 3-Nitroaniline	14.304	138	707033	35.721	ng/ul	97
52) Acenaphthene	14.469	153	2963706	37.573	ng/ul	100
53) 2,4-Dinitrophenol	14.510	184	328427	30.588	ng/ul	98
55) 4-Nitrophenol	14.640	109	493293	37.906	ng/ul	96
56) Dibenzofuran	14.804	168	4043823	36.998	ng/ul	99
57) 2,4-Dinitrotoluene	14.769	165	1001094	37.370	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.039	232	827866	36.809	ng/ul	98
59) Diethylphthalate	15.239	149	3361051	36.401	ng/ul	99
61) Fluorene	15.463	166	3407925	37.586	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.457	204	1689993	37.653	ng/ul	99
63) 4-Nitroaniline	15.481	138	844118	43.833	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.539	198	559778	33.578	ng/ul	96
67) N-Nitrosodiphenylamine	15.675	169	2836073	37.807	ng/ul	100
68) 4-Bromophenyl-phenylether	16.369	248	1048693	37.817	ng/ul	98
69) Hexachlorobenzene	16.481	284	1230579	36.625	ng/ul	98
70) Atrazine	16.651	200	1039216	35.775	ng/ul	99
71) Pentachlorophenol	16.839	266	728788	35.263	ng/ul	99
72) Phenanthrene	17.239	178	5337704	38.455	ng/ul	99
74) Anthracene	17.328	178	5187699	37.060	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.193	216	1392126	38.678	ng/uL	100
76) Pentachlorobenzene	14.728	250	1395290	35.973	ng/uL	99
77) Carbazole	17.604	167	4969268	40.521	ng/ul	100
78) Di-n-butylphthalate	18.198	149	6129923	40.386	ng/ul	99
80) Fluoranthene	19.316	202	6457212	38.464	ng/ul	99
82) Pyrene	19.692	202	6825683	38.880	ng/ul	99
83) Butylbenzylphthalate	20.651	149	2870442	37.968	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.545	252	1794142	30.487	ng/ul	99
85) Benzo(a)anthracene	21.621	228	6735868	37.659	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.569	149	4548193	41.232	ng/ul	99
87) Chrysene	21.692	228	6344117	38.493	ng/ul	98
89) Di-n-octyl phthalate	22.863	149	7085588	41.911	ng/ul	100
90) Benzo(b)fluoranthene	23.957	252	6818056	39.842	ng/ul	100
91) Benzo(k)fluoranthene	24.027	252	6691028	39.002	ng/ul	100
93) Benzo(a)pyrene	24.857	252	6248924	39.102	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.874	276	7956825m	38.411	ng/ul	
95) Dibenzo(a,h)anthracene	28.951	278	6423427	38.226	ng/ul	99
96) Benzo(g,h,i)perylene	30.068	276	6101756	38.456	ng/ul	99

02/03/2025
Supervised By :mohammad ahmed

02/04/2025

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

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