Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049544.D
Acq On : 31 Jan 2025 02:21
Operator : RC/JU
Sample : PB166304BS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS304

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 01/31/2025
Supervised By :mohammad ahmed 02/04/2025

Quant Time: Jan 31 08:56:17 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 28 14:45:18 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.510	152	258389	20.000	ng/ul	0.00
20) Naphthalene-d8	10.269	136	1006772	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.151	164	661062	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.909	188	1353912	20.000	ng/ul	0.00
79) Chrysene-d12	21.144	240	1337741	20.000	ng/ul	0.01
88) Perylene-d12	23.927	264	1507098	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.116	96	33644	4.824	ng/uL	0.00
4) Pyridine-d5	3.510	84	553282	27.003	ng/ul	0.00
7) Phenol-d5	6.728	99	673453	32.119	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	6.863	67	384843	26.841	ng/ul	0.00
11) 2-Chlorophenol-d4	7.057	132	528778	32.590	ng/ul	0.00
15) 4-Methylphenol-d8	8.239	113	495618	32.262	ng/ul	0.01
21) Nitrobenzene-d5	8.657	128	235131	30.528	ng/ul	0.00
24) 2-Nitrophenol-d4	9.369	143	274708	32.699	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.916	165	545884	31.841	ng/ul	0.01
31) 4-Chloroaniline-d4	10.422	131	563757	25.636	ng/ul	0.00
46) Dimethylphthalate-d6	13.574	166	1397196	28.826	ng/ul	0.00
49) Acenaphthylene-d8	13.839	160	1648498	28.947	ng/ul	0.00
54) 4-Nitrophenol-d4	14.421	143	241544	30.379	ng/ul	0.04
60) Fluorene-d10	15.157	176	1236905	29.019	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.292	200	235340	27.584	ng/ul	0.01
73) Anthracene-d10	17.004	188	1933840	28.603	ng/ul	0.00
81) Pyrene-d10	19.315	212	2202078	28.158	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.738	264	2440334	30.359	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.146	88	68310	9.321	ng/uL	96
5) Pyridine	3.528	79	557189	26.516	ng/ul	94
6) Benzaldehyde	6.669	77	31689	2.752	ng/ul	97
8) Phenol	6.751	94	696858	31.664	ng/ul	97
10) Bis(2-Chloroethyl)ether	6.951	93	514190	28.651	ng/ul	95
12) 2-Chlorophenol	7.092	128	548942	32.762	ng/ul	96
13) 2-Methylphenol	7.975	108	499684	32.400	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.028	45	762575	27.584	ng/ul	99
16) Acetophenone	8.328	105	742043	29.047	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.316	70	405676	30.279	ng/ul	93
18) 4-Methylphenol	8.304	108	540204	32.453	ng/ul	96
19) Hexachloroethane	8.569	117	209410	28.445	ng/ul	99
22) Nitrobenzene	8.698	77	564524	27.441	ng/ul	96
23) Isophorone	9.222	82	1094037	29.741	ng/ul	99
25) 2-Nitrophenol	9.398	139	293278	31.440	ng/ul	98
26) 2,4-Dimethylphenol	9.486	107	505413	29.442	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.704	93	665639	28.890	ng/ul	97
29) 2,4-Dichlorophenol	9.945	162	539857	31.325	ng/ul	98
30) Naphthalene	10.322	128	1524526	28.441	ng/ul	99
32) 4-Chloroaniline	10.445	127	335535	15.946	ng/ul	98
33) Hexachlorobutadiene	10.604	225	351539	27.211	ng/ul	98
34) Caprolactam	11.227	113	150938	31.749	ng/ul	95
35) 4-Chloro-3-methylphenol	11.598	107	489582	32.880	ng/ul	99
36) 2-Methylnaphthalene	11.945	142	1069789	29.263	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.163	142	1070095	29.693	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.322	216	661511	27.147	ng/ul	99
40) Hexachlorocyclopentadiene	12.298	237	259567	18.158	ng/ul	99
41) 2,4,6-Trichlorophenol	12.580	196	449417	31.274	ng/ul	97
42) 2,4,5-Trichlorophenol	12.663	196	485087	32.118	ng/ul	95
43) 1,1'-Biphenyl	12.974	154	1408504	28.082	ng/ul	100
44) 2-Chloronaphthalene	13.016	162	1147349	28.215	ng/ul	99
45) 2-Nitroaniline	13.233	65	324480	31.765	ng/ul	92
47) Dimethylphthalate	13.621	163	1392282	28.916	ng/ul	100
48) 2,6-Dinitrotoluene	13.745	165	288847	33.356	ng/ul	94
50) Acenaphthylene	13.868	152	1687387	28.840	ng/ul	99
51) 3-Nitroaniline	14.074	138	277562	32.267	ng/ul	93
52) Acenaphthene	14.216	153	1187563	28.430	ng/ul	99
53) 2,4-Dinitrophenol	14.286	184	153660	28.697	ng/ul	90
55) 4-Nitrophenol	14.433	109	169710	29.172	ng/ul	94
56) Dibenzofuran	14.557	168	1693188	28.428	ng/ul	100
57) 2,4-Dinitrotoluene	14.539	165	427400	33.005	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	14.798	232	393940	32.028	ng/ul	94
59) Diethylphthalate	15.004	149	1367888	29.926	ng/ul	98
61) Fluorene	15.210	166	1400712	29.104	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.210	204	747464	28.632	ng/ul	96
63) 4-Nitroaniline	15.245	138	311866m	39.262	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.304	198	253527	27.112	ng/ul#	98
67) N-Nitrosodiphenylamine	15.427	169	1170351	28.998	ng/ul	97
68) 4-Bromophenyl-phenylether	16.110	248	459513	29.723	ng/ul	98
69) Hexachlorobenzene	16.215	284	518800	29.061	ng/ul	98
70) Atrazine	16.398	200	436068	27.449	ng/ul	97
71) Pentachlorophenol	16.568	266	326859	29.077	ng/ul	99
72) Phenanthrene	16.951	178	2194601	28.796	ng/ul	100
74) Anthracene	17.039	178	2204394	28.716	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.939	216	652277	26.656	ng/uL	99
76) Pentachlorobenzene	14.474	250	621968	26.581	ng/uL	99
77) Carbazole	17.321	167	1972092	28.743	ng/ul	99
78) Di-n-butylphthalate	17.898	149	2475733	31.592	ng/ul	100
80) Fluoranthene	18.980	202	2551321	28.564	ng/ul	100
82) Pyrene	19.345	202	2724059	28.344	ng/ul	99
83) Butylbenzylphthalate	20.268	149	1057750	32.680	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.062	252	802628	31.599	ng/ul	99
85) Benzo(a)anthracene	21.127	228	2717756	28.921	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.074	149	1582975	33.286	ng/ul	99
87) Chrysene	21.186	228	2520991	28.888	ng/ul	99
89) Di-n-octyl phthalate	22.133	149	2715413	29.454	ng/ul	100
90) Benzo(b)fluoranthene	23.056	252	2809528	28.760	ng/ul	100
91) Benzo(k)fluoranthene	23.109	252	2839010	28.760	ng/ul	99
93) Benzo(a)pyrene	23.797	252	2671793	29.155	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.021	276	3542803	31.191	ng/ul	100
95) Dibenzo(a,h)anthracene	27.068	278	2877025	31.259	ng/ul	100
96) Benzo(g,h,i)perylene	27.979	276	2744949	31.784	ng/ul	99

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

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