Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032125\
Data File : BM049739.D
Acq On : 21 Mar 2025 13:39
Operator : RC/JU
Sample : SSTD04093
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 21 16:11:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM032125.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 21 16:01:21 2025
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD040037

Manual Integrations APPROVED

Reviewed By :Rahul Chavli
03/24/2025
Supervised By :Jagrut Upadhyay
03/24/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	312642	20.000	ng/ul	0.00
20) Naphthalene-d8	10.598	136	1063017	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.445	164	672364	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.186	188	1281488	20.000	ng/ul	0.00
79) Chrysene-d12	21.427	240	1296729	20.000	ng/ul	0.00
88) Perylene-d12	24.444	264	1197507	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	130543	17.053	ng/uL	0.00
4) Pyridine-d5	3.663	84	938296	40.156	ng/ul	0.00
7) Phenol-d5	6.975	99	933051	37.042	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.140	67	609962	38.619	ng/ul	0.00
11) 2-Chlorophenol-d4	7.340	132	765032	40.485	ng/ul	0.00
15) 4-Methylphenol-d8	8.516	113	692652	35.904	ng/ul	0.00
21) Nitrobenzene-d5	8.963	128	338071	42.082	ng/ul	0.00
24) 2-Nitrophenol-d4	9.687	143	363300	42.384	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.222	165	783176	41.850	ng/ul	0.00
31) 4-Chloroaniline-d4	10.734	131	937829	39.472	ng/ul	0.00
46) Dimethylphthalate-d6	13.857	166	1960216	39.909	ng/ul	0.00
49) Acenaphthylene-d8	14.139	160	2437274	42.364	ng/ul	0.00
54) 4-Nitrophenol-d4	14.645	143	334203	40.411	ng/ul	0.00
60) Fluorene-d10	15.439	176	1789434	40.778	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.551	200	293152	37.510	ng/ul	0.00
73) Anthracene-d10	17.286	188	2752322	42.423	ng/ul	0.00
81) Pyrene-d10	19.580	212	3173103	40.719	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.239	264	2787989	43.611	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.287	88	133736	16.444	ng/uL	97
5) Pyridine	3.681	79	943456	40.378	ng/ul	95
6) Benzaldehyde	6.946	77	551076	41.578	ng/ul	98
8) Phenol	7.004	94	968383	37.389	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.228	93	789797	38.207	ng/ul	100
12) 2-Chlorophenol	7.375	128	775329	39.521	ng/ul	99
13) 2-Methylphenol	8.251	108	679388	36.433	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.328	45	979996	38.129	ng/ul	99
16) Acetophenone	8.628	105	1178319	37.606	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.616	70	596770	37.425	ng/ul	98
18) 4-Methylphenol	8.581	108	731288	35.630	ng/ul	95
19) Hexachloroethane	8.887	117	348104	40.662	ng/ul	98
22) Nitrobenzene	9.004	77	845816	41.634	ng/ul	100
23) Isophorone	9.534	82	1499212	39.068	ng/ul	99
25) 2-Nitrophenol	9.716	139	403206	42.225	ng/ul	99
26) 2,4-Dimethylphenol	9.781	107	711024	40.236	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.010	93	951584	39.798	ng/ul	99
29) 2,4-Dichlorophenol	10.251	162	772818	41.133	ng/ul	99
30) Naphthalene	10.651	128	2288006	41.433	ng/ul	99
32) 4-Chloroaniline	10.757	127	898093	39.726	ng/ul	99
33) Hexachlorobutadiene	10.945	225	583703	42.649	ng/ul	99
34) Caprolactam	11.534	113	188259m	36.875	ng/ul	
35) 4-Chloro-3-methylphenol	11.892	107	642666	39.054	ng/ul	99
36) 2-Methylnaphthalene	12.263	142	1622116	39.994	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.486	142	1589898	39.703	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.633	216	1077795	43.660	ng/ul	99
40) Hexachlorocyclopentadiene	12.622	237	613494	41.629	ng/ul	98
41) 2,4,6-Trichlorophenol	12.875	196	601017	42.711	ng/ul	98
42) 2,4,5-Trichlorophenol	12.945	196	650761	42.925	ng/ul	98
43) 1,1'-Biphenyl	13.280	154	2122749	42.477	ng/ul	99
44) 2-Chloronaphthalene	13.316	162	1710292	42.955	ng/ul	98
45) 2-Nitroaniline	13.522	65	402146	42.517	ng/ul	97
47) Dimethylphthalate	13.904	163	1931236	39.898	ng/ul	100
48) 2,6-Dinitrotoluene	14.016	165	375012	41.867	ng/ul	98
50) Acenaphthylene	14.169	152	2480584	42.278	ng/ul	100
51) 3-Nitroaniline	14.345	138	349361	40.716	ng/ul	98
52) Acenaphthene	14.510	153	1775359	41.991	ng/ul	100
53) 2,4-Dinitrophenol	14.551	184	191018	35.313	ng/ul	95
55) 4-Nitrophenol	14.663	109	264420	41.621	ng/ul	98
56) Dibenzofuran	14.845	168	2455865	41.118	ng/ul	98
57) 2,4-Dinitrotoluene	14.804	165	543756	41.692	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.074	232	504836	40.955	ng/ul	96
59) Diethylphthalate	15.269	149	1854206	39.992	ng/ul	99
61) Fluorene	15.492	166	2152581	42.002	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.492	204	1180547	41.647	ng/ul	95
63) 4-Nitroaniline	15.510	138	354477	43.866	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.569	198	330980	37.836	ng/ul#	96
67) N-Nitrosodiphenylamine	15.698	169	1631701	42.045	ng/ul	99
68) 4-Bromophenyl-phenylether	16.380	248	627121	41.151	ng/ul	99
69) Hexachlorobenzene	16.498	284	714094	41.307	ng/ul	99
70) Atrazine	16.657	200	588832	39.841	ng/ul	99
71) Pentachlorophenol	16.839	266	419256	38.143	ng/ul	97
72) Phenanthrene	17.227	178	3095757	42.822	ng/ul	100
74) Anthracene	17.321	178	3149003	43.508	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.245	216	1008570	45.206	ng/uL	100
76) Pentachlorobenzene	14.769	250	961489	43.340	ng/uL	99
77) Carbazole	17.586	167	2665712	42.926	ng/ul	99
78) Di-n-butylphthalate	18.157	149	3069294	43.391	ng/ul	99
80) Fluoranthene	19.245	202	3622368	41.347	ng/ul	99
82) Pyrene	19.609	202	3933285	42.282	ng/ul	100
83) Butylbenzylphthalate	20.509	149	1249286	42.438	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.333	252	1109230	42.165	ng/ul	99
85) Benzo(a)anthracene	21.409	228	3805999	42.698	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.339	149	2009826	45.701	ng/ul	97
87) Chrysene	21.474	228	3516688	43.573	ng/ul	100
89) Di-n-octyl phthalate	22.486	149	2942238	38.863	ng/ul	100
90) Benzo(b)fluoranthene	23.492	252	3361019	41.544	ng/ul	99
91) Benzo(k)fluoranthene	23.556	252	3534470	43.291	ng/ul	99
93) Benzo(a)pyrene	24.303	252	3164714	43.712	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.850	276	3915398	48.302	ng/ul	98
95) Dibenzo(a,h)anthracene	27.909	278	3186371	48.425	ng/ul	98
96) Benzo(g,h,i)perylene	28.909	276	2973302	48.946	ng/ul	99

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

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