Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021425\
Data File : BM049658.D
Acq On : 14 Feb 2025 13:36
Operator : RC/JU
Sample : SSTD02080
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 18 11:59:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM021425.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 18 11:46:09 2025
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD020022

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 02/18/2025
Supervised By :Jagrut Upadhyay 02/18/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.810	152	214578	20.000	ng/ul	0.00
20) Naphthalene-d8	10.610	136	789735	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.451	164	517199	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.186	188	1027890	20.000	ng/ul	0.00
79) Chrysene-d12	21.421	240	1031686	20.000	ng/ul	0.00
88) Perylene-d12	24.438	264	1005322	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	48973	8.710	ng/uL	0.00
4) Pyridine-d5	3.669	84	350629	21.005	ng/ul	0.00
7) Phenol-d5	6.981	99	354777	20.325	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.140	67	245075	21.179	ng/ul	0.00
11) 2-Chlorophenol-d4	7.345	132	278387	21.750	ng/ul	0.00
15) 4-Methylphenol-d8	8.522	113	268145	20.403	ng/ul	0.00
21) Nitrobenzene-d5	8.963	128	127036	21.403	ng/ul	0.00
24) 2-Nitrophenol-d4	9.686	143	130181	21.647	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.233	165	283456	21.698	ng/ul	0.00
31) 4-Chloroaniline-d4	10.739	131	373712	20.746	ng/ul	0.00
46) Dimethylphthalate-d6	13.857	166	831092	21.752	ng/ul	0.00
49) Acenaphthylene-d8	14.139	160	965646	21.567	ng/ul	0.00
54) 4-Nitrophenol-d4	14.645	143	135158	20.243	ng/ul	0.00
60) Fluorene-d10	15.439	176	723272	21.616	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.551	200	104458	17.554	ng/ul	0.00
73) Anthracene-d10	17.286	188	1114069	21.268	ng/ul	0.00
81) Pyrene-d10	19.580	212	1223123	21.372	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.233	264	1136950	21.215	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.287	88	50532	8.632	ng/uL	100
5) Pyridine	3.687	79	361810	21.268	ng/ul	100
6) Benzaldehyde	6.951	77	250515	25.349	ng/ul	100
8) Phenol	7.010	94	375453	20.582	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.234	93	304155	20.786	ng/ul	100
12) 2-Chlorophenol	7.381	128	288312	21.424	ng/ul	100
13) 2-Methylphenol	8.257	108	257996	20.133	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.334	45	430443	21.260	ng/ul	100
16) Acetophenone	8.634	105	458709	20.724	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.622	70	243736	21.437	ng/ul	100
18) 4-Methylphenol	8.586	108	286814	20.365	ng/ul	100
19) Hexachloroethane	8.898	117	127176	21.037	ng/ul	100
22) Nitrobenzene	9.010	77	339403	21.438	ng/ul	100
23) Isophorone	9.539	82	619484	21.615	ng/ul	100
25) 2-Nitrophenol	9.722	139	147486	21.690	ng/ul	100
26) 2,4-Dimethylphenol	9.786	107	291640	21.925	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.022	93	385141	21.520	ng/ul	100
29) 2,4-Dichlorophenol	10.257	162	288460	21.734	ng/ul	100
30) Naphthalene	10.657	128	883473	21.312	ng/ul	100
32) 4-Chloroaniline	10.763	127	363813	20.924	ng/ul	100
33) Hexachlorobutadiene	10.951	225	199371	21.123	ng/ul	100
34) Caprolactam	11.527	113	82056m	21.044	ng/ul	
35) 4-Chloro-3-methylphenol	11.892	107	257906	21.889	ng/ul	100
36) 2-Methylnaphthalene	12.269	142	626351	21.546	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.492	142	618893	21.497	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.639	216	378445	20.795	ng/ul	100
40) Hexachlorocyclopentadiene	12.627	237	219951	19.540	ng/ul	100
41) 2,4,6-Trichlorophenol	12.880	196	223356	21.935	ng/ul	100
42) 2,4,5-Trichlorophenol	12.957	196	241619	21.662	ng/ul	100
43) 1,1'-Biphenyl	13.286	154	838861	21.331	ng/ul	100
44) 2-Chloronaphthalene	13.321	162	667958	21.251	ng/ul	100
45) 2-Nitroaniline	13.521	65	176537	21.968	ng/ul	100
47) Dimethylphthalate	13.904	163	827967	21.711	ng/ul	100
48) 2,6-Dinitrotoluene	14.016	165	148257	21.817	ng/ul	100
50) Acenaphthylene	14.168	152	990242	21.412	ng/ul	100
51) 3-Nitroaniline	14.345	138	151571	21.233	ng/ul	100
52) Acenaphthene	14.516	153	705278	21.192	ng/ul	100
53) 2,4-Dinitrophenol	14.551	184	66172	17.273	ng/ul	100
55) 4-Nitrophenol	14.663	109	114983	20.703	ng/ul	100
56) Dibenzofuran	14.845	168	1005080	21.584	ng/ul	100
57) 2,4-Dinitrotoluene	14.804	165	224134	22.524	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.074	232	189529	21.846	ng/ul	100
59) Diethylphthalate	15.274	149	798271	21.680	ng/ul	100
61) Fluorene	15.498	166	869783	21.393	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.492	204	454800	21.295	ng/ul	100
63) 4-Nitroaniline	15.504	138	167410	23.194	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.568	198	121634	18.203	ng/ul	100
67) N-Nitrosodiphenylamine	15.704	169	680326	21.502	ng/ul	100
68) 4-Bromophenyl-phenylether	16.386	248	242136	20.890	ng/ul	100
69) Hexachlorobenzene	16.498	284	285594	21.072	ng/ul	100
70) Atrazine	16.657	200	256471	20.804	ng/ul	100
71) Pentachlorophenol	16.839	266	149620	18.001	ng/ul	100
72) Phenanthrene	17.233	178	1261748	21.088	ng/ul	100
74) Anthracene	17.321	178	1278457	21.147	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.245	216	366230	20.852	ng/uL	100
76) Pentachlorobenzene	14.768	250	365555	21.234	ng/uL	100
77) Carbazole	17.586	167	1117962	20.159	ng/ul	100
78) Di-n-butylphthalate	18.162	149	1310055	21.531	ng/ul	100
80) Fluoranthene	19.245	202	1398138	21.137	ng/ul	100
82) Pyrene	19.609	202	1541932	21.283	ng/ul	100
83) Butylbenzylphthalate	20.509	149	530050	21.940	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.327	252	434475	20.315	ng/ul	100
85) Benzo(a)anthracene	21.409	228	1518270	21.255	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.339	149	851370	22.036	ng/ul	100
87) Chrysene	21.468	228	1390895	21.150	ng/ul	100
89) Di-n-octyl phthalate	22.486	149	1291264	19.632	ng/ul	100
90) Benzo(b)fluoranthene	23.486	252	1382337	21.052	ng/ul	100
91) Benzo(k)fluoranthene	23.550	252	1368254	20.554	ng/ul	100
93) Benzo(a)pyrene	24.297	252	1286601	21.159	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	27.832	276	1584141	20.945	ng/ul	100
95) Dibenzo(a,h)anthracene	27.897	278	1298339	20.938	ng/ul	100
96) Benzo(g,h,i)perylene	28.891	276	1220431	21.100	ng/ul	100

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

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