Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021425\
Data File : BM049662.D
Acq On : 14 Feb 2025 16:11
Operator : RC/JU
Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Feb 18 12:15:59 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM021425.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 18 12:12:53 2025
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SICV026

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	209054	20.000	ng/ul	0.00
20) Naphthalene-d8	10.610	136	782803	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.451	164	518447	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.186	188	1016029	20.000	ng/ul	0.00
79) Chrysene-d12	21.421	240	1002696	20.000	ng/ul	0.00
88) Perylene-d12	24.433	264	953257	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	41549	7.585	ng/uL	0.00
4) Pyridine-d5	3.669	84	307528	18.910	ng/ul	0.00
7) Phenol-d5	6.981	99	335157	19.708	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.140	67	240130	21.300	ng/ul	0.00
11) 2-Chlorophenol-d4	7.345	132	269668	21.626	ng/ul	0.00
15) 4-Methylphenol-d8	8.522	113	257901	20.142	ng/ul	0.00
21) Nitrobenzene-d5	8.963	128	127226	21.625	ng/ul	0.00
24) 2-Nitrophenol-d4	9.687	143	128378	21.537	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.228	165	284333	21.958	ng/ul	0.00
31) 4-Chloroaniline-d4	10.739	131	370281	20.737	ng/ul	0.00
46) Dimethylphthalate-d6	13.857	166	811923	21.199	ng/ul	0.00
49) Acenaphthylene-d8	14.139	160	944617	21.046	ng/ul	0.00
54) 4-Nitrophenol-d4	14.645	143	131954	19.715	ng/ul	0.00
60) Fluorene-d10	15.439	176	683379	20.375	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.551	200	104335	17.738	ng/ul	0.00
73) Anthracene-d10	17.286	188	1060945	20.491	ng/ul	0.00
81) Pyrene-d10	19.574	212	1164726	20.940	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.227	264	1055178	20.764	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.287	88	43213	7.577	ng/uL	94
5) Pyridine	3.687	79	278509	16.804	ng/ul	94
6) Benzaldehyde	6.951	77	188730	19.602	ng/ul	97
8) Phenol	7.004	94	329804	18.557	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.234	93	271521	19.046	ng/ul	98
12) 2-Chlorophenol	7.375	128	261353	19.934	ng/ul	98
13) 2-Methylphenol	8.257	108	236862	18.972	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.334	45	354238	17.959	ng/ul	98
16) Acetophenone	8.628	105	414788	19.235	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.616	70	214005	19.319	ng/ul	96
18) 4-Methylphenol	8.581	108	260657	18.997	ng/ul	96
19) Hexachloroethane	8.892	117	113548	19.279	ng/ul	96
22) Nitrobenzene	9.004	77	293912	18.729	ng/ul	97
23) Isophorone	9.534	82	548877	19.321	ng/ul	99
25) 2-Nitrophenol	9.716	139	138137	20.495	ng/ul	92
26) 2,4-Dimethylphenol	9.787	107	232057	17.600	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.016	93	346508	19.533	ng/ul	98
29) 2,4-Dichlorophenol	10.257	162	258434	19.644	ng/ul	98
30) Naphthalene	10.657	128	803219	19.548	ng/ul	99
32) 4-Chloroaniline	10.763	127	344880	20.011	ng/ul	100
33) Hexachlorobutadiene	10.951	225	179861	19.225	ng/ul	98
34) Caprolactam	11.528	113	76493m	19.679	ng/ul	
35) 4-Chloro-3-methylphenol	11.892	107	233607	20.002	ng/ul	96
36) 2-Methylnaphthalene	12.269	142	576771	20.017	ng/ul	98

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.492	142	538589	18.874	ng/ul	96
39)	1,2,4,5-Tetrachloroben...	12.639	216	345388	18.933	ng/ul	97
40)	Hexachlorocyclopentadiene	12.628	237	179137	15.876	ng/ul	98
41)	2,4,6-Trichlorophenol	12.880	196	202601	19.849	ng/ul	99
42)	2,4,5-Trichlorophenol	12.951	196	214513	19.185	ng/ul	99
43)	1,1'-Biphenyl	13.280	154	782413	19.848	ng/ul	98
44)	2-Chloronaphthalene	13.322	162	602483	19.122	ng/ul	99
45)	2-Nitroaniline	13.522	65	155381	19.289	ng/ul	97
47)	Dimethylphthalate	13.904	163	748734	19.586	ng/ul	99
48)	2,6-Dinitrotoluene	14.016	165	147770	21.693	ng/ul	96
50)	Acenaphthylene	14.169	152	935085	20.171	ng/ul	99
51)	3-Nitroaniline	14.345	138	150691	21.059	ng/ul	98
52)	Acenaphthene	14.510	153	640760	19.207	ng/ul	99
53)	2,4-Dinitrophenol	14.545	184	61920	16.124	ng/ul	97
55)	4-Nitrophenol	14.657	109	99114	17.802	ng/ul	99
56)	Dibenzofuran	14.845	168	912067	19.539	ng/ul	98
57)	2,4-Dinitrotoluene	14.804	165	200877	20.138	ng/ul	97
58)	2,3,4,6-Tetrachlorophenol	15.074	232	186680	21.466	ng/ul	96
59)	Diethylphthalate	15.274	149	716224	19.405	ng/ul	99
61)	Fluorene	15.498	166	765736	18.789	ng/ul	100
62)	4-Chlorophenyl-phenyle...	15.492	204	395509	18.474	ng/ul	98
63)	4-Nitroaniline	15.504	138	163661	22.620	ng/ul	97
66)	4,6-Dinitro-2-methylph...	15.563	198	112824	17.082	ng/ul	98
67)	N-Nitrosodiphenylamine	15.704	169	619030	19.794	ng/ul	99
68)	4-Bromophenyl-phenylether	16.386	248	220801	19.271	ng/ul	99
69)	Hexachlorobenzene	16.498	284	254870	19.025	ng/ul	98
70)	Atrazine	16.651	200	212071	17.403	ng/ul	98
71)	Pentachlorophenol	16.839	266	131465	16.001	ng/ul	98
72)	Phenanthrene	17.233	178	1120803	18.951	ng/ul	99
74)	Anthracene	17.321	178	1150675	19.256	ng/ul	100
75)	1,2,3,4-Tetrachloroben...	13.245	216	321920	18.543	ng/uL	98
76)	Pentachlorobenzene	14.769	250	305943	17.979	ng/uL	99
77)	Carbazole	17.586	167	1016090	18.536	ng/ul	100
78)	Di-n-butylphthalate	18.162	149	1162769	19.333	ng/ul	99
80)	Fluoranthene	19.245	202	1259704	19.595	ng/ul	99
82)	Pyrene	19.604	202	1366988	19.414	ng/ul	98
83)	Butylbenzylphthalate	20.509	149	461394	19.650	ng/ul	96
84)	3,3'-Dichlorobenzidine	21.327	252	439333	21.136	ng/ul	95
85)	Benzo(a)anthracene	21.403	228	1312521	18.906	ng/ul	100
86)	Bis(2-ethylhexyl)phtha...	21.339	149	732152	19.498	ng/ul	99
87)	Chrysene	21.462	228	1225900	19.180	ng/ul	100
89)	Di-n-octyl phthalate	22.480	149	1114162	17.864	ng/ul	100
90)	Benzo(b)fluoranthene	23.480	252	1171523	18.816	ng/ul	99
91)	Benzo(k)fluoranthene	23.544	252	1235743	19.578	ng/ul	100
93)	Benzo(a)pyrene	24.291	252	1135968	19.702	ng/ul	99
94)	Indeno(1,2,3-cd)pyrene	27.826	276	1346246	18.772	ng/ul	99
95)	Dibenzo(a,h)anthracene	27.891	278	1110264	18.883	ng/ul	99
96)	Benzo(g,h,i)perylene	28.879	276	1007876	18.377	ng/ul	99

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

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