Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110221\
Data File : VX025045.D
Acq On : 02 Nov 2021 13:39
Operator : JC/MD
Sample : MDL04
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MDL02

Manual Integrations APPROVED

Reviewed By :John Carlone 11/03/2021
Supervised By :Mahesh Dadoda 11/10/2021

Quant Time: Nov 03 01:20:12 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXTR102221WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Nov 03 00:53:58 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	74351	5.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	68337	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	33347	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	13106	6.004	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 120.000%			
7) Chloroethane-d5	1.672	69	10714	5.448	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 109.000%			
11) 1,1-Dichloroethene-d2	2.313	63	29018	3.566	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 71.400%			
20) 2-Butanone-d5	4.495	46	49366	61.858	ug/L	0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 123.720%			
24) Chloroform-d	5.068	84	46125	4.389	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 87.800%			
26) 1,2-Dichloroethane-d4	5.964	65	26804	4.667	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.400%			
32) Benzene-d6	5.983	84	75523	4.743	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.800%			
36) 1,2-Dichloropropane-d6	7.312	67	24644	4.851	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 97.000%			
41) Toluene-d8	8.653	98	74308	4.655	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.000%			
43) trans-1,3-Dichloroprop...	8.958	79	11480	4.924	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 98.400%			
46) 2-Hexanone-d5	9.391	63	41605	49.579	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 99.160%			
56) 1,1,2,2-Tetrachloroeth...	11.195	84	18058	4.651	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 93.000%			
66) 1,2-Dichlorobenzene-d4	12.323	152	25882	4.606	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 92.200%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	1255	0.147	ug/L	94
3) Chloromethane	1.288	50	576	0.193	ug/L	89
5) Vinyl chloride	1.380	62	795	0.218	ug/L	97
6) Bromomethane	1.624	94	505	0.178	ug/L	93
8) Chloroethane	1.691	64	562m	0.257	ug/L	
9) Trichlorofluoromethane	1.892	101	1846	0.170	ug/L	90
10) 1,1,2-Trichloro-1,2,2-...	2.337	101	1204	0.212	ug/L #	79
12) 1,1-Dichloroethene	2.319	96	1065	0.233	ug/L #	1
13) Acetone	2.435	43	1469m	2.454	ug/L	
14) Carbon disulfide	2.514	76	2210	0.178	ug/L #	88
15) Methyl Acetate	2.739	43	296	0.218	ug/L #	41
16) Methylene chloride	2.794	84	2761	0.521	ug/L #	79
17) Methyl tert-butyl Ether	3.117	73	2277	0.174	ug/L	99
18) trans-1,2-Dichloroethene	3.111	96	697	0.131	ug/L #	71
19) 1,1-Dichloroethane	3.617	63	1537	0.165	ug/L #	63
21) 2-Butanone	4.617	43	2252m	2.558	ug/L	
22) cis-1,2-Dichloroethene	4.501	96	1126	0.198	ug/L	93
23) Bromochloromethane	4.904	128	363m	0.141	ug/L	
25) Chloroform	5.099	83	3207	0.265	ug/L	99

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110221\
Data File : VX025045.D
Acq On : 02 Nov 2021 13:39
Operator : JC/MD
Sample : MDL04
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MDL02

Manual Integrations APPROVED

Reviewed By :John Carlone 11/03/2021
Supervised By :Mahesh Dadoda 11/10/2021

Quant Time: Nov 03 01:20:12 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXTR102221WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Nov 03 00:53:58 2021
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27)	1,2-Dichloroethane	6.105	62	1338	0.181	ug/L	#	85
29)	1,1,1-Trichloroethane	5.391	97	1930	0.163	ug/L	#	79
30)	Cyclohexane	5.477	56	1644	0.223	ug/L	#	41
31)	Carbon tetrachloride	5.690	117	1512	0.148	ug/L		99
33)	Benzene	6.050	78	3063	0.153	ug/L		100
34)	Trichloroethene	7.129	95	1229	0.189	ug/L		91
35)	Methylcyclohexane	7.385	83	1584	0.174	ug/L		89
37)	1,2-Dichloropropane	7.434	63	1042	0.214	ug/L	#	95
38)	Bromodichloromethane	7.836	83	1332	0.164	ug/L	#	95
39)	cis-1,3-Dichloropropene	8.379	75	1492m	0.181	ug/L		
40)	4-Methyl-2-pentanone	8.580	43	4051	1.863	ug/L	#	79
42)	Toluene	8.726	91	4858	0.208	ug/L		95
44)	trans-1,3-Dichloropropene	8.982	75	1034	0.139	ug/L		96
45)	1,1,2-Trichloroethane	9.153	97	543	0.138	ug/L		86
47)	Tetrachloroethene	9.281	164	836	0.184	ug/L	#	74
48)	2-Hexanone	9.439	43	3778	2.380	ug/L	#	89
49)	Dibromochloromethane	9.525	129	702	0.137	ug/L		92
50)	1,2-Dibromoethane	9.610	107	590	0.150	ug/L	#	87
51)	Chlorobenzene	10.079	112	2330	0.157	ug/L		94
52)	Ethylbenzene	10.201	91	3941m	0.143	ug/L		
53)	m,p-xylene	10.305	106	1588m	0.162	ug/L		
54)	o-xylene	10.653	106	1339	0.141	ug/L		69
55)	Styrene	10.665	104	2389	0.149	ug/L		92
57)	1,1,2,2-Tetrachloroethane	11.213	83	926	0.204	ug/L		93
59)	Bromoform	10.799	173	380	0.164	ug/L	#	98
60)	Isopropylbenzene	10.970	105	4089	0.154	ug/L		98
61)	1,2,3-Trichloropropane	11.238	75	553	0.170	ug/L	#	81
62)	1,3,5-Trimethylbenzene	11.451	105	3405	0.147	ug/L		94
63)	1,2,4-Trimethylbenzene	11.756	105	3362	0.142	ug/L		97
64)	1,3-Dichlorobenzene	11.969	146	1825	0.165	ug/L	#	65
65)	1,4-Dichlorobenzene	12.043	146	1889	0.170	ug/L		89
67)	1,2-Dichlorobenzene	12.341	146	1700	0.167	ug/L	#	82
68)	1,2-Dibromo-3-chloropr...	12.957	75	68	0.086	ug/L	#	6
69)	1,3,5-Trichlorobenzene	13.116	180	1293	0.154	ug/L		91
70)	1,2,4-trichlorobenzene	13.597	180	846	0.127	ug/L		94
71)	Naphthalene	13.780	128	1006	0.084	ug/L	#	82
72)	1,2,3-Trichlorobenzene	13.969	180	648	0.108	ug/L		85

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110221\
Data File : VX025045.D
Acq On : 02 Nov 2021 13:39
Operator : JC/MD
Sample : MDL04
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 03 01:20:12 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXTR102221WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Nov 03 00:53:58 2021
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
MDL02

Manual Integrations APPROVED

Reviewed By :John Carlone 11/03/2021
Supervised By :Mahesh Dadoda 11/10/2021