Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091521\
Data File : VU044642.D
Acq On : 15 Sep 2021 14:58
Operator : SY/MD
Sample : MDL05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MDL05

Manual Integrations APPROVED
MMDadoda
9/16/2021 12:12:34 PM

Quant Time: Sep 16 02:40:57 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090921WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Sep 16 01:40:15 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	131431	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	136418	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	65233	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	29500	3.804	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 76.000%			
7) Chloroethane-d5	1.919	69	34072	4.305	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 86.200%			
11) 1,1-Dichloroethene-d2	2.575	65	15859	4.049	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 81.000%			
20) 2-Butanone-d5	4.642	46	161898m	49.802	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 99.600%			
24) Chloroform-d	5.073	84	74385	4.560	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.200%			
26) 1,2-Dichloroethane-d4	5.710	65	44558	4.581	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.600%			
32) Benzene-d6	5.735	84	146176	4.203	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 84.000%			
36) 1,2-Dichloropropane-d6	6.700	67	51539	4.512	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 90.200%			
41) Toluene-d8	7.906	98	121219	4.003	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 80.000%			
43) trans-1,3-Dichloroprop...	8.185	79	16141	4.008	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 80.200%			
46) 2-Hexanone-d5	8.645	63	118206	45.674	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 91.340%			
56) 1,1,2,2-Tetrachloroeth...	10.761	84	46329	4.574	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 91.400%			
66) 1,2-Dichlorobenzene-d4	12.198	152	47474	4.410	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 88.200%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	1953	0.186	ug/L	97
3) Chloromethane	1.520	50	2796	0.222	ug/L	96
5) Vinyl chloride	1.607	62	2858	0.222	ug/L #	76
6) Bromomethane	1.864	94	1536	0.233	ug/L	92
8) Chloroethane	1.941	64	1955	0.239	ug/L	88
9) Trichlorofluoromethane	2.144	101	3086	0.213	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	2192	0.247	ug/L #	85
12) 1,1-Dichloroethene	2.584	96	2043	0.242	ug/L #	1
13) Acetone	2.652	43	3480m	1.644	ug/L	
14) Carbon disulfide	2.800	76	5224	0.195	ug/L	99
15) Methyl Acetate	2.967	43	1050	0.275	ug/L #	49
16) Methylene chloride	3.054	84	11576	0.862	ug/L	95
17) Methyl tert-butyl Ether	3.372	73	4434	0.190	ug/L	98
18) trans-1,2-Dichloroethene	3.359	96	1832	0.204	ug/L	98
19) 1,1-Dichloroethane	3.874	63	3921	0.216	ug/L	99
22) cis-1,2-Dichloroethene	4.678	96	2088	0.211	ug/L	88
23) Bromochloromethane	4.983	128	771	0.184	ug/L	93
25) Chloroform	5.096	83	9009	0.466	ug/L	99
27) 1,2-Dichloroethane	5.803	62	2861	0.226	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
29) 1,1,1-Trichloroethane	5.324	97	3073	0.207	ug/L		95
30) Cyclohexane	5.395	56	3049	0.179	ug/L		94
31) Carbon tetrachloride	5.533	117	2222	0.191	ug/L		97
33) Benzene	5.784	78	8450	0.209	ug/L		100
34) Trichloroethene	6.552	95	2115	0.211	ug/L		89
35) Methylcyclohexane	6.764	83	3454	0.210	ug/L	#	86
37) 1,2-Dichloropropane	6.796	63	2317	0.214	ug/L	#	88
38) Bromodichloromethane	7.115	83	2606	0.198	ug/L	#	90
39) cis-1,3-Dichloropropene	7.616	75	2972	0.193	ug/L		100
40) 4-Methyl-2-pentanone	7.803	43	15388	1.822	ug/L	#	89
42) Toluene	7.976	91	9944	0.235	ug/L		95
44) trans-1,3-Dichloropropene	8.214	75	2458	0.187	ug/L		84
45) 1,1,2-Trichloroethane	8.411	97	1514	0.196	ug/L		97
47) Tetrachloroethene	8.558	164	1311	0.188	ug/L		92
48) 2-Hexanone	8.700	43	16322	2.597	ug/L	#	95
49) Dibromochloromethane	8.816	129	1495	0.184	ug/L		84
50) 1,2-Dibromoethane	8.931	107	1331	0.183	ug/L	#	85
51) Chlorobenzene	9.452	112	5592	0.213	ug/L		94
52) Ethylbenzene	9.575	91	8267	0.180	ug/L		97
53) m,p-Xylene	9.700	106	3046	0.175	ug/L		99
54) o-Xylene	10.105	106	2827	0.170	ug/L		86
55) Styrene	10.121	104	4755	0.163	ug/L		97
57) 1,1,2,2-Tetrachloroethane	10.790	83	2197	0.212	ug/L	#	99
59) Bromoform	10.298	173	808	0.199	ug/L	#	79
60) Isopropylbenzene	10.491	105	7605	0.186	ug/L		99
61) 1,2,3-Trichloropropane	10.828	75	1448	0.201	ug/L		99
62) 1,3,5-Trimethylbenzene	11.092	105	6231	0.184	ug/L		98
63) 1,2,4-Trimethylbenzene	11.472	105	6154	0.177	ug/L		98
64) 1,3-Dichlorobenzene	11.751	146	3837	0.202	ug/L		91
65) 1,4-Dichlorobenzene	11.845	146	4042	0.206	ug/L		97
67) 1,2-Dichlorobenzene	12.217	146	3816	0.211	ug/L		96
68) 1,2-Dibromo-3-chloropr...	13.008	75	298	0.188	ug/L	#	75
69) 1,3,5-Trichlorobenzene	13.227	180	2682	0.185	ug/L		95
70) 1,2,4-trichlorobenzene	13.848	180	2061	0.169	ug/L		95
71) Naphthalene	14.095	128	3565	0.150	ug/L	#	93
72) 1,2,3-Trichlorobenzene	14.336	180	1859	0.165	ug/L		96

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

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