

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102221\
 Data File : VX024868.D
 Acq On : 22 Oct 2021 13:51
 Operator : JC/MD
 Sample : MDL01
 Misc : 25.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL01

Manual Integrations
 APPROVED

MMDadoda
 10/25/2021 10:17:30 AM

Quant Time: Oct 23 04:47:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXTR102221WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 23 03:44:55 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	69435	5.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	64647	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	31704	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	10785	5.291	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.800%
7) Chloroethane-d5	1.672	69	9936	5.410	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.200%
11) 1,1-Dichloroethene-d2	2.313	63	26400	3.474	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.400%
20) 2-Butanone-d5	4.483	46	40685	54.590	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.180%
24) Chloroform-d	5.068	84	50153	5.111	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.200%
26) 1,2-Dichloroethane-d4	5.964	65	27091	5.051	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.000%
32) Benzene-d6	5.983	84	81671	5.422	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.400%
36) 1,2-Dichloropropane-d6	7.318	67	24258	5.048	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.000%
41) Toluene-d8	8.653	98	81430	5.392	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.800%
43) trans-1,3-Dichloroprop...	8.952	79	11071	5.019	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.400%
46) 2-Hexanone-d5	9.391	63	40102	50.516	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.040%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	18911	5.149	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.000%
66) 1,2-Dichlorobenzene-d4	12.323	152	29258	5.476	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	1608	0.202	ug/L	92
3) Chloromethane	1.288	50	620	0.223	ug/L #	58
5) Vinyl chloride	1.374	62	737	0.217	ug/L #	18
6) Bromomethane	1.618	94	740	0.279	ug/L	77
8) Chloroethane	1.697	64	624	0.306	ug/L	98
9) Trichlorofluoromethane	1.886	101	2063	0.204	ug/L #	80
10) 1,1,2-Trichloro-1,2,2-...	2.337	101	1435	0.270	ug/L	93
12) 1,1-Dichloroethene	2.319	96	1206	0.283	ug/L #	1
13) Acetone	2.416	43	1451	2.596	ug/L	98
14) Carbon disulfide	2.514	76	3067	0.264	ug/L	96
16) Methylene chloride	2.794	84	4504	0.910	ug/L	87
17) Methyl tert-butyl Ether	3.123	73	2838	0.232	ug/L	96
18) trans-1,2-Dichloroethene	3.099	96	987	0.199	ug/L	98
19) 1,1-Dichloroethane	3.617	63	1586	0.183	ug/L #	82
21) 2-Butanone	4.580	43	1963	2.387	ug/L	70
22) cis-1,2-Dichloroethene	4.507	96	1269	0.238	ug/L #	54
23) Bromochloromethane	4.910	128	548	0.228	ug/L	91
25) Chloroform	5.117	83	3643m	0.323	ug/L	
27) 1,2-Dichloroethane	6.092	62	1760	0.254	ug/L #	85

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

29) 1,1,1-Trichloroethane	5.385	97	2442	0.218	ug/L #	72
30) Cyclohexane	5.471	56	1455	0.209	ug/L #	54
31) Carbon tetrachloride	5.678	117	2217	0.230	ug/L	94
33) Benzene	6.050	78	4087	0.216	ug/L	100
34) Trichloroethene	7.129	95	1218	0.198	ug/L #	76
35) Methylcyclohexane	7.373	83	1959	0.228	ug/L #	80
37) 1,2-Dichloropropane	7.434	63	1177	0.255	ug/L #	93
38) Bromodichloromethane	7.830	83	1908	0.248	ug/L #	74
39) cis-1,3-Dichloropropene	8.372	75	1667	0.214	ug/L	87
40) 4-Methyl-2-pentanone	8.580	43	4170	2.028	ug/L #	82
42) Toluene	8.720	91	5983	0.271	ug/L	96
44) trans-1,3-Dichloropropene	8.982	75	1794m	0.254	ug/L	
45) 1,1,2-Trichloroethane	9.153	97	704	0.190	ug/L	92
47) Tetrachloroethene	9.275	164	977	0.227	ug/L	79
48) 2-Hexanone	9.439	43	3305	2.201	ug/L	95
49) Dibromochloromethane	9.525	129	1157	0.238	ug/L	84
50) 1,2-Dibromoethane	9.616	107	785	0.211	ug/L #	95
51) Chlorobenzene	10.086	112	3210	0.229	ug/L #	85
52) Ethylbenzene	10.201	91	5499	0.211	ug/L	85
53) m,p-xylene	10.305	106	2160	0.234	ug/L	91
54) o-xylene	10.646	106	1824	0.202	ug/L	68
55) Styrene	10.659	104	2666	0.176	ug/L #	56
57) 1,1,2,2-Tetrachloroethane	11.213	83	1062	0.248	ug/L #	93
59) Bromoform	10.799	173	568	0.258	ug/L #	74
60) Isopropylbenzene	10.963	105	5403	0.214	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	758	0.245	ug/L	90
62) 1,3,5-Trimethylbenzene	11.457	105	4664	0.212	ug/L	98
63) 1,2,4-Trimethylbenzene	11.756	105	4760	0.211	ug/L	100
64) 1,3-Dichlorobenzene	11.975	146	2402	0.229	ug/L #	71
65) 1,4-Dichlorobenzene	12.049	146	2492	0.237	ug/L	91
67) 1,2-Dichlorobenzene	12.335	146	2731	0.283	ug/L #	83
68) 1,2-Dibromo-3-chloropr...	12.945	75	157	0.208	ug/L #	59
69) 1,3,5-Trichlorobenzene	13.116	180	1842	0.230	ug/L	95
70) 1,2,4-trichlorobenzene	13.597	180	1331	0.210	ug/L	96
71) Naphthalene	13.774	128	1613	0.142	ug/L #	86
72) 1,2,3-Trichlorobenzene	13.969	180	1100	0.193	ug/L #	88

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

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