

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102221\
 Data File : VX024874.D
 Acq On : 22 Oct 2021 16:12
 Operator : JC/MD
 Sample : MDL01
 Misc : 25.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL01

Manual Integrations
 APPROVED

MMDadoda

10/25/2021 10:17:38 AM

Quant Time: Oct 23 04:53:19 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	33688	5.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	29066	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.030	152	14568	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	4472	4.522	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.400%
7) Chloroethane-d5	1.672	69	4381	4.916	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.400%
11) 1,1-Dichloroethene-d2	2.306	63	12371	3.356	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.200%
20) 2-Butanone-d5	4.465	46	37124	102.668	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	205.340%#
24) Chloroform-d	5.068	84	22108	4.643	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.800%
26) 1,2-Dichloroethane-d4	5.964	65	15106	5.805	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	116.000%
32) Benzene-d6	5.983	84	33859	5.000	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.000%
36) 1,2-Dichloropropane-d6	7.318	67	10775	4.987	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.800%
41) Toluene-d8	8.653	98	34597	5.095	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.000%
43) trans-1,3-Dichloroprop...	8.958	79	5499	5.545	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	110.800%
46) 2-Hexanone-d5	9.391	63	38469	107.780	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	215.560%#
56) 1,1,2,2-Tetrachloroeth...	11.195	84	13795	8.353	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	167.000%#
66) 1,2-Dichlorobenzene-d4	12.323	152	13118	5.343	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	2296	0.594	ug/L #	74
3) Chloromethane	1.294	50	523	0.387	ug/L	85
5) Vinyl chloride	1.374	62	488	0.296	ug/L #	1
6) Bromomethane	1.618	94	306	0.238	ug/L #	68
8) Chloroethane	1.685	64	346	0.349	ug/L #	42
9) Trichlorofluoromethane	1.892	101	5066	1.031	ug/L	91
10) 1,1,2-Trichloro-1,2,2-...	2.337	101	956	0.371	ug/L	92
12) 1,1-Dichloroethene	2.325	96	590	0.285	ug/L #	1
13) Acetone	2.392	43	2064	7.610	ug/L	99
14) Carbon disulfide	2.520	76	1843	0.327	ug/L	96
15) Methyl Acetate	2.715	43	467	0.757	ug/L	89
16) Methylene chloride	2.794	84	2128	0.886	ug/L	92
17) Methyl tert-butyl Ether	3.129	73	2003	0.337	ug/L #	71
18) trans-1,2-Dichloroethene	3.093	96	600	0.249	ug/L	71
19) 1,1-Dichloroethane	3.623	63	1384	0.329	ug/L #	68
21) 2-Butanone	4.587	43	2422	6.071	ug/L	91
22) cis-1,2-Dichloroethene	4.513	96	657m	0.254	ug/L	
23) Bromochloromethane	4.897	128	361	0.309	ug/L #	59
25) Chloroform	5.099	83	1447m	0.264	ug/L	

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.105	62	1219	0.363	ug/L #	85
29) 1,1,1-Trichloroethane	5.391	97	2170	0.430	ug/L #	79
30) Cyclohexane	5.464	56	1048	0.335	ug/L #	81
31) Carbon tetrachloride	5.690	117	1347	0.310	ug/L #	73
33) Benzene	6.050	78	2532	0.298	ug/L	100
34) Trichloroethene	7.135	95	1233	0.446	ug/L #	71
35) Methylcyclohexane	7.391	83	1139	0.295	ug/L	97
37) 1,2-Dichloropropane	7.440	63	546	0.263	ug/L #	87
38) Bromodichloromethane	7.836	83	1123	0.325	ug/L #	95
39) cis-1,3-Dichloropropene	8.379	75	849	0.243	ug/L	85
40) 4-Methyl-2-pentanone	8.580	43	4907	5.306	ug/L	92
42) Toluene	8.726	91	3281	0.330	ug/L #	72
44) trans-1,3-Dichloropropene	8.982	75	1319	0.416	ug/L	91
45) 1,1,2-Trichloroethane	9.153	97	672	0.402	ug/L #	62
47) Tetrachloroethene	9.281	164	1322	0.684	ug/L	89
48) 2-Hexanone	9.433	43	4066	6.022	ug/L #	90
49) Dibromochloromethane	9.525	129	717	0.329	ug/L	80
50) 1,2-Dibromoethane	9.610	107	656	0.392	ug/L #	71
51) Chlorobenzene	10.086	112	1948	0.309	ug/L	95
52) Ethylbenzene	10.201	91	2837m	0.242	ug/L	
53) m,p-xylene	10.311	106	1168	0.281	ug/L	88
54) o-xylene	10.646	106	1185	0.292	ug/L	69
55) Styrene	10.659	104	1683	0.247	ug/L	81
57) 1,1,2,2-Tetrachloroethane	11.213	83	942	0.489	ug/L #	73
59) Bromoform	10.799	173	365	0.361	ug/L #	55
60) Isopropylbenzene	10.970	105	3010	0.259	ug/L #	93
61) 1,2,3-Trichloropropane	11.244	75	886	0.623	ug/L	98
62) 1,3,5-Trimethylbenzene	11.457	105	2407m	0.238	ug/L	
63) 1,2,4-Trimethylbenzene	11.756	105	2792	0.269	ug/L	96
64) 1,3-Dichlorobenzene	11.969	146	1499	0.311	ug/L	84
65) 1,4-Dichlorobenzene	12.049	146	1650	0.341	ug/L #	79
67) 1,2-Dichlorobenzene	12.341	146	1237	0.279	ug/L #	73
68) 1,2-Dibromo-3-chloropr...	12.945	75	47	0.136	ug/L #	29
69) 1,3,5-Trichlorobenzene	13.115	180	1139	0.310	ug/L #	80
70) 1,2,4-trichlorobenzene	13.597	180	727	0.250	ug/L #	87
71) Naphthalene	13.780	128	1525	0.291	ug/L #	84
72) 1,2,3-Trichlorobenzene	13.969	180	805	0.308	ug/L	88

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

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