

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061422\
 Data File : VX029470.D
 Acq On : 14 Jun 2022 17:17
 Operator : JC/MD
 Sample : N3249-07MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EXYT1MSD

Quant Time: Jun 15 05:47:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML061322WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 15 05:41:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	344021	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	314599	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	163737	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	118901	44.639	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.280%
7) Chloroethane-d5	1.666	69	90811	54.860	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	109.720%
11) 1,1-Dichloroethene-d2	2.307	63	229365	47.793	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.580%
21) 2-Butanone-d5	4.459	46	190686	94.421	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.420%
24) Chloroform-d	5.062	84	241816	47.549	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.100%
26) 1,2-Dichloroethane-d4	5.958	65	148575	45.186	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.380%
32) Benzene-d6	5.977	84	486175	49.475	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.940%
36) 1,2-Dichloropropane-d6	7.312	67	144768	50.298	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.600%
41) Toluene-d8	8.653	98	447419	48.294	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.580%
43) trans-1,3-Dichloroprop...	8.952	79	66496	46.854	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.700%
47) 2-Hexanone-d5	9.385	63	153584	98.657	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.660%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	210509	49.880	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.760%
66) 1,2-Dichlorobenzene-d4	12.323	152	169349	49.748	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.500%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	166423	50.418	ug/L	100
3) Chloromethane	1.288	50	153198	49.487	ug/L	98
5) Vinyl chloride	1.374	62	154085	51.421	ug/L	100
6) Bromomethane	1.605	94	62738	44.622	ug/L	99
8) Chloroethane	1.685	64	89436	58.207	ug/L	97
9) Trichlorofluoromethane	1.886	101	211050	49.256	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	130656	51.789	ug/L	98
12) 1,1-Dichloroethene	2.319	96	122156	52.368	ug/L #	75
13) Acetone	2.386	43	134232	99.726	ug/L	95
14) Carbon disulfide	2.514	76	319624	49.966	ug/L	100
15) Methyl Acetate	2.703	43	128977	48.303	ug/L	95
16) Methylene chloride	2.788	84	138601	53.617	ug/L	93
17) trans-1,2-Dichloroethene	3.093	96	132236	52.933	ug/L	98
18) Methyl tert-butyl Ether	3.117	73	427420	51.079	ug/L	98
19) 1,1-Dichloroethane	3.611	63	278730	63.166	ug/L	99
20) cis-1,2-Dichloroethene	4.489	96	181304	64.211	ug/L	94
22) 2-Butanone	4.562	43	214949	106.082	ug/L	97
23) Bromochloromethane	4.904	128	74636	53.408	ug/L	93
25) Chloroform	5.099	83	255969	52.457	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.092	62	192961	51.757	ug/L	99
29) Cyclohexane	5.471	56	219180	52.196	ug/L	95
30) 1,1,1-Trichloroethane	5.391	97	222660	51.032	ug/L	98
31) Carbon tetrachloride	5.684	117	181230	51.746	ug/L	98
33) Benzene	6.044	78	560830	54.515	ug/L	100
34) Trichloroethene	7.129	95	157072	43.321	ug/L	97
35) Methylcyclohexane	7.385	83	236695	51.711	ug/L	98
37) 1,2-Dichloropropane	7.434	63	136644	54.482	ug/L	100
38) Bromodichloromethane	7.824	83	188180	52.713	ug/L	98
39) cis-1,3-Dichloropropene	8.366	75	212338	52.971	ug/L	95
40) 4-Methyl-2-pentanone	8.574	43	415041	110.707	ug/L	93
42) Toluene	8.720	91	601558	53.660	ug/L	99
44) trans-1,3-Dichloropropene	8.982	75	195028	51.869	ug/L	98
45) 1,1,2-Trichloroethane	9.153	97	141856	53.548	ug/L	99
46) Tetrachloroethene	9.275	164	107899	51.843	ug/L	96
48) 2-Hexanone	9.433	43	321649	110.759	ug/L	93
49) Dibromochloromethane	9.525	129	144227	52.218	ug/L	100
50) 1,2-Dibromoethane	9.610	107	151102	53.447	ug/L	99
51) Chlorobenzene	10.080	112	384118	53.977	ug/L	96
52) Ethylbenzene	10.195	91	658310	53.657	ug/L	99
53) m,p-Xylene	10.305	106	257737	53.517	ug/L	96
54) o-Xylene	10.646	106	255893	53.874	ug/L	99
55) Styrene	10.659	104	437190	54.748	ug/L	93
57) 1,1,2,2-Tetrachloroethane	11.213	83	229689	55.948	ug/L	96
59) Bromoform	10.805	173	94018	51.570	ug/L	100
60) Isopropylbenzene	10.964	105	677778	52.997	ug/L	99
61) 1,2,3-Trichloropropane	11.244	75	182803	53.379	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	581246	53.216	ug/L	98
63) 1,2,4-Trimethylbenzene	11.756	105	578219	53.317	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	283774	53.563	ug/L	97
65) 1,4-Dichlorobenzene	12.043	146	283732	53.052	ug/L	96
67) 1,2-Dichlorobenzene	12.335	146	292219	54.687	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.945	75	50519	53.636	ug/L	90
69) 1,3,5-Trichlorobenzene	13.116	180	194393	53.619	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	177375	54.323	ug/L	98
71) Naphthalene	13.780	128	685131	56.975	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	182409	55.302	ug/L	99

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

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