

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020822\
 Data File : VX026819.D
 Acq On : 08 Feb 2022 14:04
 Operator : JC/MD
 Sample : VX0208MBS01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0208MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/09/2022
 Supervised By : Mahesh Dadoda 02/09/2022

Quant Time: Feb 09 03:02:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 08 07:07:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	100423	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	166387	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	141071	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	64444	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	62724	52.033	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.060%			
35) Dibromofluoromethane	5.391	113	50673	51.118	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.240%			
50) Toluene-d8	8.653	98	184586	50.727	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.460%			
62) 4-Bromofluorobenzene	11.079	95	65643	51.240	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.480%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	22295	20.418	ug/l	98
3) Chloromethane	1.294	50	19730	19.423	ug/l	99
4) Vinyl Chloride	1.380	62	21224	19.959	ug/l	98
5) Bromomethane	1.611	94	10153	22.501	ug/l	100
6) Chloroethane	1.691	64	12795	20.139	ug/l	98
7) Trichlorofluoromethane	1.892	101	32185	20.567	ug/l	97
8) Diethyl Ether	2.136	74	11872	20.480	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.337	101	21063	20.535	ug/l	99
10) Methyl Iodide	2.459	142	24569	18.745	ug/l	96
11) Tert butyl alcohol	2.971	59	18798	86.319	ug/l	96
12) 1,1-Dichloroethene	2.325	96	20693	20.134	ug/l	91
13) Acrolein	2.239	56	21336	106.017	ug/l	98
14) Allyl chloride	2.666	41	36175	19.871	ug/l	97
15) Acrylonitrile	3.068	53	60934	97.642	ug/l	98
16) Acetone	2.386	43	51946	98.112	ug/l	95
17) Carbon Disulfide	2.520	76	56807	19.525	ug/l	99
18) Methyl Acetate	2.709	43	27774	18.232	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	72975	20.060	ug/l	99
20) Methylene Chloride	2.794	84	22695	19.783	ug/l	98
21) trans-1,2-Dichloroethene	3.099	96	22154	20.485	ug/l	98
22) Diisopropyl ether	3.763	45	76197	20.789	ug/l	95
23) Vinyl Acetate	3.727	43	317013	102.874	ug/l	97
24) 1,1-Dichloroethane	3.617	63	40730	20.537	ug/l	99
25) 2-Butanone	4.562	43	83327	97.683	ug/l	98
26) 2,2-Dichloropropane	4.483	77	28428	21.215	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	25512	20.546	ug/l	96
28) Bromochloromethane	4.903	49	15986	19.445	ug/l	98
29) Tetrahydrofuran	5.013	42	56499	97.425	ug/l	98
30) Chloroform	5.098	83	41636	20.206	ug/l	98
31) Cyclohexane	5.476	56	39027	20.375	ug/l	96
32) 1,1,1-Trichloroethane	5.391	97	36301	19.981	ug/l	99
36) 1,1-Dichloropropene	5.702	75	31071	19.868	ug/l	98
37) Ethyl Acetate	4.721	43	33677	18.949	ug/l	98
38) Carbon Tetrachloride	5.684	117	32541	19.843	ug/l	97
39) Methylcyclohexane	7.385	83	39141	20.409	ug/l	97
40) Benzene	6.043	78	90345	19.822	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	18594	19.304	ug/l	98
42) 1,2-Dichloroethane	6.092	62	33464	20.836	ug/l	98
43) Isopropyl Acetate	6.342	43	53361	19.514	ug/l	98
44) Trichloroethene	7.129	130	26359	19.261	ug/l	98
45) 1,2-Dichloropropane	7.433	63	22779	19.753	ug/l	99
46) Dibromomethane	7.586	93	16081	20.153	ug/l	97
47) Bromodichloromethane	7.824	83	31046	20.317	ug/l	96
48) Methyl methacrylate	7.696	41	26141	19.294	ug/l	96
49) 1,4-Dioxane	7.671	88	8298	355.407	ug/l	99
51) 4-Methyl-2-Pentanone	8.573	43	166099	100.237	ug/l	98
52) Toluene	8.720	92	55767	19.326	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	29685	18.811	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	34509	20.452	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	22135	20.262	ug/l	100
56) Ethyl methacrylate	9.116	69	35383	20.433	ug/l	95
57) 1,3-Dichloropropane	9.311	76	38311	20.423	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	87032	97.919	ug/l	98
59) 2-Hexanone	9.433	43	121900	100.574	ug/l	98
60) Dibromochloromethane	9.525	129	22700	20.195	ug/l	99
61) 1,2-Dibromoethane	9.610	107	23259	20.151	ug/l	99
64) Tetrachloroethene	9.275	164	27785	19.610	ug/l	96
65) Chlorobenzene	10.079	112	57766	19.800	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	21772	20.286	ug/l	99
67) Ethyl Benzene	10.195	91	105061	20.346	ug/l	98
68) m/p-Xylenes	10.305	106	80664	40.602	ug/l	98
69) o-Xylene	10.646	106	39098	20.084	ug/l	97
70) Styrene	10.658	104	64910	20.559	ug/l	98
71) Bromoform	10.799	173	14839	19.048	ug/l #	99
73) Isopropylbenzene	10.963	105	104051	20.498	ug/l	100
74) N-amyl acetate	10.847	43	40314	19.876	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	28221	20.487	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	28321m	20.076	ug/l	
77) Bromobenzene	11.201	156	24162	20.025	ug/l	97
78) n-propylbenzene	11.305	91	115486	20.522	ug/l	99
79) 2-Chlorotoluene	11.366	91	69883	20.099	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	85865	20.553	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	7831	19.572	ug/l	96
82) 4-Chlorotoluene	11.457	91	80417	20.616	ug/l	99
83) tert-Butylbenzene	11.713	119	80000	20.091	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	84770	20.117	ug/l	98
85) sec-Butylbenzene	11.890	105	103303	20.467	ug/l	100
86) p-Isopropyltoluene	12.012	119	87409	20.442	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	44289	20.032	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	44899	20.136	ug/l	98
89) n-Butylbenzene	12.335	91	72504	20.725	ug/l	99
90) Hexachloroethane	12.542	117	12473	20.183	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	43343	20.317	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	6464	19.081	ug/l	95
93) 1,2,4-Trichlorobenzene	13.591	180	27316	20.289	ug/l	99
94) Hexachlorobutadiene	13.725	225	11327	19.890	ug/l	99
95) Naphthalene	13.780	128	96153	20.389	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	27883	20.453	ug/l	99

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

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