

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050322\
 Data File : VX028512.D
 Acq On : 03 May 2022 19:22
 Operator : JC/MD
 Sample : VX0503MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0503MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/04/2022
 Supervised By : Mahesh Dadoda 05/04/2022

Quant Time: May 04 06:08:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 19 13:38:04 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	293821	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	483798	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	450114	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	235092	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	185321	48.373	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	96.740%		
35) Dibromofluoromethane	5.391	113	164669	48.534	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.060%		
50) Toluene-d8	8.653	98	581793	44.646	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	89.300%		
62) 4-Bromofluorobenzene	11.079	95	221989	44.553	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	89.100%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	41548	21.906	ug/l	99
3) Chloromethane	1.294	50	42202	20.655	ug/l	97
4) Vinyl Chloride	1.374	62	50948	17.200	ug/l	100
5) Bromomethane	1.599	94	63578	19.020	ug/l	99
6) Chloroethane	1.684	64	37107	15.253	ug/l	99
7) Trichlorofluoromethane	1.886	101	93643	14.336	ug/l	96
8) Diethyl Ether	2.130	74	35642	16.045	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	48012	20.179	ug/l	96
10) Methyl Iodide	2.453	142	58073	21.213	ug/l	97
11) Tert butyl alcohol	2.959	59	73102	93.415	ug/l	95
12) 1,1-Dichloroethene	2.318	96	44643	19.770	ug/l	94
13) Acrolein	2.233	56	17821	37.956	ug/l	99
14) Allyl chloride	2.666	41	61463	16.221	ug/l	93
15) Acrylonitrile	3.062	53	149013	95.446	ug/l	100
16) Acetone	2.379	43	126186	107.041	ug/l	95
17) Carbon Disulfide	2.514	76	77396	12.728	ug/l	99
18) Methyl Acetate	2.703	43	64328	18.885	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	168794	17.926	ug/l	99
20) Methylene Chloride	2.788	84	54999	19.348	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	50894	16.573	ug/l	94
22) Diisopropyl ether	3.763	45	152278	17.645	ug/l #	86
23) Vinyl Acetate	3.721	43	651473	86.408	ug/l	99
24) 1,1-Dichloroethane	3.611	63	92061	18.067	ug/l	100
25) 2-Butanone	4.556	43	198492	87.483	ug/l	97
26) 2,2-Dichloropropane	4.477	77	65162	13.097	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	64324	17.567	ug/l	93
28) Bromochloromethane	4.903	49	42573	19.473	ug/l	88
29) Tetrahydrofuran	5.007	42	126641	85.602	ug/l	99
30) Chloroform	5.098	83	107711	17.601	ug/l	95
31) Cyclohexane	5.476	56	71742	15.370	ug/l	98
32) 1,1,1-Trichloroethane	5.391	97	90484	16.329	ug/l	100
36) 1,1-Dichloropropene	5.696	75	69345	15.669	ug/l	98
37) Ethyl Acetate	4.714	43	76177	16.963	ug/l	99
38) Carbon Tetrachloride	5.678	117	77081	15.428	ug/l	98
39) Methylcyclohexane	7.385	83	77926	13.955	ug/l	98
40) Benzene	6.043	78	219851	16.971	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	40870	17.640	ug/l	97
42) 1,2-Dichloroethane	6.092	62	80010	16.638	ug/l	98
43) Isopropyl Acetate	6.342	43	117379	16.061	ug/l	98
44) Trichloroethene	7.129	130	62059	16.519	ug/l	100
45) 1,2-Dichloropropane	7.433	63	54520	17.193	ug/l	97
46) Dibromomethane	7.586	93	42813	17.211	ug/l	98
47) Bromodichloromethane	7.824	83	77560	16.223	ug/l	99
48) Methyl methacrylate	7.696	41	56447	16.822	ug/l	93
49) 1,4-Dioxane	7.659	88	31361	349.370	ug/l	94
51) 4-Methyl-2-Pentanone	8.573	43	402577	85.838	ug/l	97
52) Toluene	8.720	92	147783	16.420	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	73166	14.400	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	83390	15.284	ug/l #	92
55) 1,1,2-Trichloroethane	9.153	97	64320	17.589	ug/l	100
56) Ethyl methacrylate	9.122	69	89749	16.931	ug/l #	91
57) 1,3-Dichloropropane	9.311	76	101238	17.152	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	236348	95.029	ug/l	95
59) 2-Hexanone	9.433	43	312114	85.912	ug/l	96
60) Dibromochloromethane	9.524	129	61223	15.357	ug/l	97
61) 1,2-Dibromoethane	9.610	107	66033	16.460	ug/l	97
64) Tetrachloroethene	9.275	164	51067	14.525	ug/l	96
65) Chlorobenzene	10.079	112	166677	17.368	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	60960	17.052	ug/l	99
67) Ethyl Benzene	10.195	91	280812	17.450	ug/l	99
68) m/p-Xylenes	10.305	106	222958	34.043	ug/l	96
69) o-Xylene	10.646	106	110180	16.873	ug/l	97
70) Styrene	10.658	104	186305	17.611	ug/l	98
71) Bromoform	10.799	173	43796	15.902	ug/l #	99
73) Isopropylbenzene	10.963	105	292688	18.113	ug/l	100
74) N-amyl acetate	10.847	43	101943	18.253	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	105649	20.148	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	87369m	18.883	ug/l	
77) Bromobenzene	11.201	156	73552	17.478	ug/l	94
78) n-propylbenzene	11.305	91	319057	17.807	ug/l	98
79) 2-Chlorotoluene	11.366	91	195843	17.581	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	240203	17.512	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.024	75	20570	13.212	ug/l #	78
82) 4-Chlorotoluene	11.457	91	223345	17.405	ug/l	96
83) tert-Butylbenzene	11.719	119	249042	17.781	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	241956	17.746	ug/l	98
85) sec-Butylbenzene	11.890	105	287459	17.012	ug/l	99
86) p-Isopropyltoluene	12.012	119	247454	16.975	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	140745	17.799	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	142668	17.183	ug/l	99
89) n-Butylbenzene	12.335	91	189891	15.864	ug/l	98
90) Hexachloroethane	12.542	117	38301	15.886	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	141665	18.034	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	19585	16.795	ug/l	93
93) 1,2,4-Trichlorobenzene	13.591	180	82555	17.670	ug/l	99
94) Hexachlorobutadiene	13.725	225	33258	15.953	ug/l	94
95) Naphthalene	13.780	128	291474	18.728	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	82844	18.065	ug/l	96

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

