

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050922\
 Data File : VX028566.D
 Acq On : 09 May 2022 12:54
 Operator : JC/MD
 Sample : VX0509MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0509MBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 05/10/2022
 Supervised By :Mahesh Dadoda 05/10/2022

Quant Time: May 09 15:50:33 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	5.549	168	307530	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	479528	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	448866	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	239046	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	188143	46.920	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	93.840%		
35) Dibromofluoromethane	5.385	113	173222	51.510	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	103.020%		
50) Toluene-d8	8.646	98	590020	45.681	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	91.360%		
62) 4-Bromofluorobenzene	11.079	95	230274	46.627	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	93.260%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	41287	20.798	ug/l	100
3) Chloromethane	1.294	50	39367	18.133	ug/l	98
4) Vinyl Chloride	1.373	62	48501	15.644	ug/l	97
5) Bromomethane	1.599	94	68564	19.894	ug/l	98
6) Chloroethane	1.684	64	38028	14.862	ug/l	97
7) Trichlorofluoromethane	1.885	101	96257	14.080	ug/l	98
8) Diethyl Ether	2.129	74	38556	16.695	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.330	101	53236	21.377	ug/l	97
10) Methyl Iodide	2.452	142	60198	21.059	ug/l	98
11) Tert butyl alcohol	2.952	59	75658	92.256	ug/l	98
12) 1,1-Dichloroethene	2.318	96	47287	20.008	ug/l	91
13) Acrolein	2.233	56	47752	97.170	ug/l	98
14) Allyl chloride	2.666	41	66887	16.866	ug/l	92
15) Acrylonitrile	3.062	53	162591	99.500	ug/l	99
16) Acetone	2.373	43	133800	108.458	ug/l	97
17) Carbon Disulfide	2.513	76	88290	13.872	ug/l	100
18) Methyl Acetate	2.702	43	72145	20.236	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	187176	18.992	ug/l	97
20) Methylene Chloride	2.788	84	59402	19.966	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	52371	16.294	ug/l	90
22) Diisopropyl ether	3.757	45	164048	18.162	ug/l #	81
23) Vinyl Acetate	3.720	43	712555	90.296	ug/l	100
24) 1,1-Dichloroethane	3.611	63	98636	18.494	ug/l	97
25) 2-Butanone	4.550	43	215862	90.898	ug/l	97
26) 2,2-Dichloropropane	4.476	77	79716	15.308	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	67777	17.685	ug/l	94
28) Bromochloromethane	4.897	49	45146	19.730	ug/l	89
29) Tetrahydrofuran	4.995	42	134249	86.699	ug/l	99
30) Chloroform	5.092	83	113578	17.733	ug/l	99
31) Cyclohexane	5.470	56	71449	14.625	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	96431	16.626	ug/l	99
36) 1,1-Dichloropropene	5.696	75	72607	16.552	ug/l	98
37) Ethyl Acetate	4.708	43	82054	18.435	ug/l	100
38) Carbon Tetrachloride	5.677	117	82619	16.684	ug/l	97
39) Methylcyclohexane	7.378	83	80923	14.621	ug/l	96
40) Benzene	6.037	78	226723	17.657	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.915	41	43871	19.104	ug/l	97
42) 1,2-Dichloroethane	6.086	62	84399	17.707	ug/l	99
43) Isopropyl Acetate	6.336	43	127275	17.570	ug/l	98
44) Trichloroethene	7.122	130	67904	18.236	ug/l	95
45) 1,2-Dichloropropane	7.427	63	58432	18.591	ug/l	96
46) Dibromomethane	7.580	93	45752	18.557	ug/l	98
47) Bromodichloromethane	7.823	83	86744	18.306	ug/l	98
48) Methyl methacrylate	7.689	41	60374	18.153	ug/l	94
49) 1,4-Dioxane	7.659	88	33451	375.971	ug/l	93
51) 4-Methyl-2-Pentanone	8.573	43	442461	95.182	ug/l	96
52) Toluene	8.720	92	152262	17.068	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	84787	16.836	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	93878	17.359	ug/l	95
55) 1,1,2-Trichloroethane	9.152	97	69966	19.303	ug/l	98
56) Ethyl methacrylate	9.116	69	97058	18.473	ug/l #	92
57) 1,3-Dichloropropane	9.311	76	110087	18.818	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	236850	96.079	ug/l	94
59) 2-Hexanone	9.427	43	337018	93.593	ug/l	96
60) Dibromochloromethane	9.524	129	72269	18.290	ug/l	95
61) 1,2-Dibromoethane	9.610	107	73032	18.366	ug/l	99
64) Tetrachloroethene	9.274	164	64111	18.286	ug/l	96
65) Chlorobenzene	10.079	112	178981	18.702	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.164	131	68070	19.094	ug/l	99
67) Ethyl Benzene	10.195	91	295941	18.442	ug/l	99
68) m/p-Xylenes	10.305	106	234695	35.934	ug/l	97
69) o-Xylene	10.640	106	118434	18.188	ug/l	98
70) Styrene	10.658	104	197847	18.754	ug/l	99
71) Bromoform	10.798	173	54617	18.990	ug/l #	99
73) Isopropylbenzene	10.963	105	310320	18.887	ug/l	99
74) N-amyl acetate	10.841	43	108224	19.057	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	111754	20.960	ug/l	100
76) 1,2,3-Trichloropropane	11.237	75	97803m	20.789	ug/l	
77) Bromobenzene	11.201	156	82118	19.190	ug/l	90
78) n-propylbenzene	11.304	91	347603	19.079	ug/l	98
79) 2-Chlorotoluene	11.365	91	214592	18.945	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	258594	18.541	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	26969	17.035	ug/l	87
82) 4-Chlorotoluene	11.457	91	244452	18.735	ug/l	97
83) tert-Butylbenzene	11.719	119	265792	18.663	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	259160	18.693	ug/l	98
85) sec-Butylbenzene	11.890	105	316416	18.416	ug/l	99
86) p-Isopropyltoluene	12.012	119	274342	18.508	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	156817	19.504	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	159055	18.840	ug/l	100
89) n-Butylbenzene	12.335	91	220326	18.102	ug/l	98
90) Hexachloroethane	12.542	117	44422	17.865	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	157963	19.777	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.944	75	22845	19.266	ug/l	96
93) 1,2,4-Trichlorobenzene	13.591	180	96304	20.272	ug/l	99
94) Hexachlorobutadiene	13.725	225	40590	19.147	ug/l	94
95) Naphthalene	13.774	128	326143	20.609	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	95670	20.516	ug/l	95

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

