

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050922\
 Data File : VX028565.D
 Acq On : 09 May 2022 12:17
 Operator : JC/MD
 Sample : VX0509MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 5 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 15:49:51 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	5.550	168	318551	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	497951	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	462092	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	246734	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	196178	47.232	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	94.460%		
35) Dibromofluoromethane	5.385	113	179201	51.316	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	102.640%		
50) Toluene-d8	8.647	98	620994	46.300	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	92.600%		
62) 4-Bromofluorobenzene	11.079	95	238967	46.597	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	93.200%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	44015	21.405	ug/l	97
3) Chloromethane	1.294	50	42909	19.213	ug/l	99
4) Vinyl Chloride	1.374	62	52484	16.343	ug/l	99
5) Bromomethane	1.599	94	73237	20.820	ug/l	98
6) Chloroethane	1.685	64	40500	15.378	ug/l	98
7) Trichlorofluoromethane	1.886	101	102379	14.457	ug/l	98
8) Diethyl Ether	2.130	74	40656	17.055	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.331	101	57013	22.101	ug/l	98
10) Methyl Iodide	2.453	142	60650	20.626	ug/l	98
11) Tert butyl alcohol	2.953	59	74328	86.965	ug/l	97
12) 1,1-Dichloroethene	2.319	96	49096	20.054	ug/l	98
13) Acrolein	2.233	56	48219	94.726	ug/l	99
14) Allyl chloride	2.666	41	70748	17.222	ug/l	93
15) Acrylonitrile	3.062	53	165281	97.647	ug/l	98
16) Acetone	2.373	43	135413	105.936	ug/l	93
17) Carbon Disulfide	2.514	76	94734	14.369	ug/l	99
18) Methyl Acetate	2.703	43	72265	19.568	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	193910	18.994	ug/l	99
20) Methylene Chloride	2.788	84	61445	19.938	ug/l	100
21) trans-1,2-Dichloroethene	3.093	96	55237	16.591	ug/l	91
22) Diisopropyl ether	3.757	45	171219	18.300	ug/l #	82
23) Vinyl Acetate	3.721	43	728623	89.138	ug/l	99
24) 1,1-Dichloroethane	3.611	63	104510	18.917	ug/l	99
25) 2-Butanone	4.556	43	221035	89.856	ug/l	99
26) 2,2-Dichloropropane	4.477	77	84889	15.738	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	71267	17.952	ug/l	94
28) Bromochloromethane	4.897	49	46190	19.488	ug/l	86
29) Tetrahydrofuran	5.001	42	137432	85.684	ug/l	99
30) Chloroform	5.099	83	121295	18.282	ug/l	99
31) Cyclohexane	5.476	56	76983	15.213	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	102320	17.031	ug/l	99
36) 1,1-Dichloropropene	5.696	75	77375	16.986	ug/l	97
37) Ethyl Acetate	4.714	43	83957	18.165	ug/l	100
38) Carbon Tetrachloride	5.678	117	88959	17.300	ug/l	97
39) Methylcyclohexane	7.385	83	87332	15.195	ug/l	94
40) Benzene	6.037	78	237746	17.830	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	43770	18.355	ug/l	97
42) 1,2-Dichloroethane	6.086	62	87445	17.667	ug/l	99
43) Isopropyl Acetate	6.336	43	133136	17.699	ug/l	98
44) Trichloroethene	7.123	130	69981	18.099	ug/l	99
45) 1,2-Dichloropropane	7.433	63	59460	18.218	ug/l	98
46) Dibromomethane	7.586	93	46350	18.104	ug/l	98
47) Bromodichloromethane	7.824	83	92153	18.728	ug/l	99
48) Methyl methacrylate	7.690	41	61305	17.751	ug/l	92
49) 1,4-Dioxane	7.659	88	32547	352.277	ug/l	95
51) 4-Methyl-2-Pentanone	8.573	43	454649	94.185	ug/l	96
52) Toluene	8.720	92	161111	17.392	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	89053	17.028	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	97209	17.310	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	72949	19.382	ug/l	97
56) Ethyl methacrylate	9.116	69	99022	18.150	ug/l #	92
57) 1,3-Dichloropropane	9.311	76	112359	18.496	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	247991	96.877	ug/l	95
59) 2-Hexanone	9.433	43	346670	92.712	ug/l	95
60) Dibromochloromethane	9.525	129	73678	17.956	ug/l	97
61) 1,2-Dibromoethane	9.610	107	73665	17.840	ug/l	98
64) Tetrachloroethene	9.275	164	68091	18.865	ug/l	96
65) Chlorobenzene	10.079	112	185111	18.789	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	71278	19.421	ug/l	99
67) Ethyl Benzene	10.195	91	310919	18.820	ug/l	98
68) m/p-Xylenes	10.305	106	249884	37.165	ug/l	96
69) o-Xylene	10.640	106	123423	18.411	ug/l	96
70) Styrene	10.658	104	208935	19.238	ug/l	98
71) Bromoform	10.799	173	55289	18.733	ug/l	99
73) Isopropylbenzene	10.963	105	328239	19.355	ug/l	100
74) N-amyl acetate	10.841	43	111604	19.040	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	114267	20.764	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	101662m	20.936	ug/l	
77) Bromobenzene	11.201	156	84176	19.058	ug/l	93
78) n-propylbenzene	11.305	91	371845	19.774	ug/l	98
79) 2-Chlorotoluene	11.366	91	222819	19.058	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	273722	19.014	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	27247	16.675	ug/l #	85
82) 4-Chlorotoluene	11.457	91	253544	18.826	ug/l	95
83) tert-Butylbenzene	11.713	119	280648	19.092	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	275167	19.229	ug/l	98
85) sec-Butylbenzene	11.890	105	333985	18.832	ug/l	99
86) p-Isopropyltoluene	12.012	119	288049	18.827	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	160664	19.359	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	166597	19.119	ug/l	99
89) n-Butylbenzene	12.335	91	231522	18.429	ug/l	98
90) Hexachloroethane	12.542	117	47648	18.494	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	163630	19.848	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	23109	18.882	ug/l	93
93) 1,2,4-Trichlorobenzene	13.591	180	99952	20.384	ug/l	100
94) Hexachlorobutadiene	13.725	225	42921	19.616	ug/l	95
95) Naphthalene	13.774	128	329340	20.162	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	99541	20.681	ug/l	97

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

