

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090321\
 Data File : VX024094.D
 Acq On : 03 Sep 2021 11:57
 Operator : JC/MD
 Sample : VX0903MBS01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0903MBS01

Manual Integrations
 APPROVED

MMDadoda
 9/7/2021 4:37:58 PM

Quant Time: Sep 03 13:45:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 11:57:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	173782	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	265889	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	246406	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	126248	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	111435	45.944	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.880%
35) Dibromofluoromethane	5.391	113	83481	47.436	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.880%
50) Toluene-d8	8.653	98	300098	44.803	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	89.600%#
62) 4-Bromofluorobenzene	11.085	95	119005	48.263	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.520%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	33227	18.122	ug/l	99
3) Chloromethane	1.294	50	32460	16.127	ug/l	98
4) Vinyl Chloride	1.374	62	33701	17.168	ug/l	98
5) Bromomethane	1.599	94	24346	19.726	ug/l	98
6) Chloroethane	1.685	64	22693	15.932	ug/l	96
7) Trichlorofluoromethane	1.886	101	60672	19.572	ug/l	96
8) Diethyl Ether	2.142	74	19813	18.302	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.331	101	35952	20.610	ug/l	95
10) Methyl Iodide	2.453	142	43640	17.967	ug/l	92
11) Tert butyl alcohol	2.971	59	47426	96.689	ug/l	100
12) 1,1-Dichloroethene	2.319	96	31170	18.689	ug/l	88
13) Acrolein	2.239	56	31229	106.989	ug/l	98
14) Allyl chloride	2.666	41	55913	18.192	ug/l	87
15) Acrylonitrile	3.069	53	96718	88.498	ug/l	97
16) Acetone	2.386	43	110114	101.536	ug/l	90
17) Carbon Disulfide	2.514	76	70194	17.647	ug/l	99
18) Methyl Acetate	2.709	43	48959	18.084	ug/l	92
19) Methyl tert-butyl Ether	3.123	73	118444	20.405	ug/l	100
20) Methylene Chloride	2.794	84	38573	18.621	ug/l	89
21) trans-1,2-Dichloroethene	3.093	96	34743	19.503	ug/l	94
22) Diisopropyl ether	3.770	45	119868	19.581	ug/l	97
23) Vinyl Acetate	3.727	43	479451	96.819	ug/l	94
24) 1,1-Dichloroethane	3.611	63	67573	19.834	ug/l	98
25) 2-Butanone	4.562	43	149821	91.209	ug/l	90
26) 2,2-Dichloropropane	4.483	77	60002	21.459	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	41634	19.641	ug/l	96
28) Bromochloromethane	4.904	49	26047	16.815	ug/l	96
29) Tetrahydrofuran	5.013	42	91064	85.589	ug/l	91
30) Chloroform	5.099	83	72904	20.210	ug/l	98
31) Cyclohexane	5.477	56	57441	18.434	ug/l	95
32) 1,1,1-Trichloroethane	5.391	97	65952	21.351	ug/l	99
36) 1,1-Dichloropropene	5.696	75	52123	21.168	ug/l	98
37) Ethyl Acetate	4.721	43	55304	18.272	ug/l	96
38) Carbon Tetrachloride	5.684	117	57290	22.312	ug/l	94
39) Methylcyclohexane	7.385	83	62303	20.781	ug/l	97
40) Benzene	6.044	78	148187	20.353	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	29766	18.141	ug/l	90
42) 1,2-Dichloroethane	6.092	62	62554	21.860	ug/l	94
43) Isopropyl Acetate	6.342	43	92752	19.591	ug/l	92
44) Trichloroethene	7.129	130	41151	20.460	ug/l	93
45) 1,2-Dichloropropane	7.434	63	39098	20.222	ug/l	99
46) Dibromomethane	7.586	93	28568	21.233	ug/l	97
47) Bromodichloromethane	7.824	83	52198	21.445	ug/l	98
48) Methyl methacrylate	7.696	41	44689	19.350	ug/l	86
49) 1,4-Dioxane	7.659	88	17293	354.280	ug/l #	94
51) 4-Methyl-2-Pentanone	8.574	43	297110	97.082	ug/l	90
52) Toluene	8.720	92	96753	20.507	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	59182	20.156	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	61710	20.923	ug/l #	85
55) 1,1,2-Trichloroethane	9.153	97	40883	21.048	ug/l	98
56) Ethyl methacrylate	9.116	69	61553	19.024	ug/l #	80
57) 1,3-Dichloropropane	9.311	76	65848	20.439	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	142364	91.020	ug/l	98
59) 2-Hexanone	9.433	43	235877	100.269	ug/l	86
60) Dibromochloromethane	9.525	129	40948	20.131	ug/l	99
61) 1,2-Dibromoethane	9.610	107	42587	20.754	ug/l	98
64) Tetrachloroethene	9.275	164	42784	21.739	ug/l	95
65) Chlorobenzene	10.079	112	108612	21.123	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	39838	21.769	ug/l	98
67) Ethyl Benzene	10.195	91	191349	21.311	ug/l	99
68) m/p-Xylenes	10.305	106	148638	43.461	ug/l	99
69) o-Xylene	10.646	106	72272	21.504	ug/l	99
70) Styrene	10.659	104	119452	21.817	ug/l	97
71) Bromoform	10.805	173	28656	20.457	ug/l #	99
73) Isopropylbenzene	10.963	105	193914	20.137	ug/l	99
74) N-amyl acetate	10.848	43	82992	19.071	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	63326	20.066	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	59493m	20.201	ug/l	
77) Bromobenzene	11.201	156	48839	20.592	ug/l	93
78) n-propylbenzene	11.305	91	224343	20.369	ug/l	100
79) 2-Chlorotoluene	11.366	91	138457	20.799	ug/l	100
80) 1,3,5-Trimethylbenzene	11.457	105	167572	21.176	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	18693	18.671	ug/l	86
82) 4-Chlorotoluene	11.457	91	158600	20.989	ug/l	99
83) tert-Butylbenzene	11.719	119	160554	20.890	ug/l	93
84) 1,2,4-Trimethylbenzene	11.756	105	165264	20.945	ug/l	98
85) sec-Butylbenzene	11.896	105	207335	21.308	ug/l	99
86) p-Isopropyltoluene	12.012	119	171764	21.448	ug/l	96
87) 1,3-Dichlorobenzene	11.975	146	90431	21.074	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	90054	21.042	ug/l	97
89) n-Butylbenzene	12.335	91	154482	21.604	ug/l	97
90) Hexachloroethane	12.542	117	27143	20.340	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	88003	21.169	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	13068	19.059	ug/l	86
93) 1,2,4-Trichlorobenzene	13.591	180	52235	20.878	ug/l	99
94) Hexachlorobutadiene	13.731	225	26735	23.974	ug/l	99
95) Naphthalene	13.780	128	165371	18.731	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	52614	21.115	ug/l	100

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

