

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102423\
 Data File : VX038461.D
 Acq On : 24 Oct 2023 17:27
 Operator : JC/MD
 Sample : VX1024MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1024MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/25/2023
 Supervised By : Mahesh Dadoda 10/25/2023

Quant Time: Oct 25 06:11:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 15:27:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	187279	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	312972	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	302343	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	169284	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	127919	42.466	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	84.940%		
35) Dibromofluoromethane	5.385	113	114965	50.979	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.960%		
50) Toluene-d8	8.647	98	395756	45.925	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	91.840%#		
62) 4-Bromofluorobenzene	11.079	95	157767	48.291	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.580%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	38859	21.496	ug/l	96
3) Chloromethane	1.295	50	35560	19.300	ug/l	97
4) Vinyl Chloride	1.374	62	40829	19.987	ug/l	98
5) Bromomethane	1.605	94	37708	13.431	ug/l	99
6) Chloroethane	1.685	64	26514	17.669	ug/l	98
7) Trichlorofluoromethane	1.886	101	74264	18.405	ug/l	100
8) Diethyl Ether	2.136	74	26493	17.605	ug/l	80
9) 1,1,2-Trichlorotrifluo...	2.331	101	38351	21.772	ug/l	95
10) Methyl Iodide	2.453	142	52386	20.669	ug/l	93
11) Tert butyl alcohol	2.953	59	56058	76.613	ug/l #	90
12) 1,1-Dichloroethene	2.319	96	36801	21.478	ug/l	85
13) Acrolein	2.233	56	49587	115.797	ug/l	98
14) Allyl chloride	2.666	41	56321	18.377	ug/l #	96
15) Acrylonitrile	3.062	53	127932	93.325	ug/l	99
16) Acetone	2.374	43	106480	84.698	ug/l	90
17) Carbon Disulfide	2.514	76	93329	18.898	ug/l	99
18) Methyl Acetate	2.703	43	111285	20.642	ug/l	92
19) Methyl tert-butyl Ether	3.111	73	131430	19.260	ug/l	99
20) Methylene Chloride	2.788	84	44650	18.882	ug/l	87
21) trans-1,2-Dichloroethene	3.093	96	41197	19.419	ug/l	84
22) Diisopropyl ether	3.757	45	117706	18.325	ug/l #	96
23) Vinyl Acetate	3.721	43	418562	88.857	ug/l #	93
24) 1,1-Dichloroethane	3.611	63	72260	18.537	ug/l	98
25) 2-Butanone	4.556	43	175561	86.551	ug/l #	88
26) 2,2-Dichloropropane	4.477	77	56022	18.407	ug/l	95
27) cis-1,2-Dichloroethene	4.489	96	49128	19.444	ug/l	87
28) Bromochloromethane	4.898	49	30912	17.566	ug/l #	74
29) Tetrahydrofuran	5.001	42	114147	86.434	ug/l #	87
30) Chloroform	5.093	83	81800	19.190	ug/l	96
31) Cyclohexane	5.464	56	56957	17.452	ug/l	92
32) 1,1,1-Trichloroethane	5.385	97	70404	19.283	ug/l	96
36) 1,1-Dichloropropene	5.696	75	56820	18.271	ug/l	96
37) Ethyl Acetate	4.715	43	64003	17.329	ug/l	96
38) Carbon Tetrachloride	5.678	117	61060	19.959	ug/l	98
39) Methylcyclohexane	7.379	83	63150	17.337	ug/l	92
40) Benzene	6.038	78	167294	19.234	ug/l	99

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41) Methacrylonitrile	4.916	41	33571	18.272	ug/l #	87
42) 1,2-Dichloroethane	6.086	62	62716	18.047	ug/l	97
43) Isopropyl Acetate	6.342	43	98706	17.902	ug/l #	95
44) Trichloroethene	7.123	130	48697	21.405	ug/l	92
45) 1,2-Dichloropropane	7.428	63	42089	18.696	ug/l	97
46) Dibromomethane	7.580	93	34067	19.511	ug/l	92
47) Bromodichloromethane	7.824	83	64227	20.678	ug/l	93
48) Methyl methacrylate	7.696	41	48528	18.437	ug/l #	84
49) 1,4-Dioxane	7.659	88	18017	277.782	ug/l #	90
51) 4-Methyl-2-Pentanone	8.574	43	353649	92.992	ug/l	95
52) Toluene	8.720	92	110438	19.492	ug/l	93
53) t-1,3-Dichloropropene	8.976	75	64539	19.357	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	69944	19.967	ug/l #	89
55) 1,1,2-Trichloroethane	9.153	97	48325	19.940	ug/l	98
56) Ethyl methacrylate	9.116	69	70709	19.030	ug/l	89
57) 1,3-Dichloropropane	9.305	76	75860	19.354	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	157280	86.232	ug/l	94
59) 2-Hexanone	9.427	43	281915	92.209	ug/l	93
60) Dibromochloromethane	9.519	129	53166	22.415	ug/l	100
61) 1,2-Dibromoethane	9.610	107	52266	19.943	ug/l	99
64) Tetrachloroethene	9.275	164	40106	20.491	ug/l	96
65) Chlorobenzene	10.079	112	126966	20.068	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	47365	22.140	ug/l	99
67) Ethyl Benzene	10.195	91	216633	19.183	ug/l	100
68) m/p-Xylenes	10.299	106	170202	38.978	ug/l	96
69) o-Xylene	10.640	106	81112	19.032	ug/l	100
70) Styrene	10.653	104	139595	20.113	ug/l	96
71) Bromoform	10.799	173	40206	21.962	ug/l #	99
73) Isopropylbenzene	10.963	105	219291	19.316	ug/l	98
74) N-amyl acetate	10.842	43	87204	17.988	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	80657	19.362	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	72953m	18.956	ug/l	
77) Bromobenzene	11.195	156	57160	20.623	ug/l	85
78) n-propylbenzene	11.305	91	258972	18.656	ug/l	98
79) 2-Chlorotoluene	11.366	91	152581	18.534	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	186186	19.009	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	20409	18.270	ug/l	92
82) 4-Chlorotoluene	11.457	91	179277	18.403	ug/l	96
83) tert-Butylbenzene	11.713	119	184169	19.244	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	187315	19.181	ug/l	97
85) sec-Butylbenzene	11.890	105	229588	18.519	ug/l	99
86) p-Isopropyltoluene	12.006	119	193367	18.905	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	108609	19.509	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	110906	19.514	ug/l	98
89) n-Butylbenzene	12.329	91	173263	17.009	ug/l	96
90) Hexachloroethane	12.536	117	32793	19.337	ug/l	90
91) 1,2-Dichlorobenzene	12.335	146	107696	20.126	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.939	75	19744	19.603	ug/l	78
93) 1,2,4-Trichlorobenzene	13.585	180	70056	19.519	ug/l	97
94) Hexachlorobutadiene	13.725	225	23714	16.416	ug/l	98
95) Naphthalene	13.774	128	239549	19.165	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	67953	19.554	ug/l	98

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

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