

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101024\
 Data File : VX043351.D
 Acq On : 10 Oct 2024 14:37
 Operator : JC/MD
 Sample : VX1010MBSD01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1010MBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/11/2024
 Supervised By : Mahesh Dadoda 10/14/2024

Quant Time: Oct 11 01:44:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100124W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 02 16:50:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.538	168	89685	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.751	114	156170	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	135133	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	63272	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	84141	57.446	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 114.900%			
35) Dibromofluoromethane	5.379	113	59982	55.693	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 111.380%			
50) Toluene-d8	8.641	98	202547	54.268	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 108.540%			
62) 4-Bromofluorobenzene	11.079	95	74022	54.591	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 109.180%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	19679	18.864	ug/l	92
3) Chloromethane	1.294	50	20472	19.054	ug/l	99
4) Vinyl Chloride	1.374	62	20547	19.093	ug/l	98
5) Bromomethane	1.599	94	9162	20.838	ug/l	90
6) Chloroethane	1.666	64	7980	19.912	ug/l	96
7) Trichlorofluoromethane	1.867	101	31936	19.861	ug/l	97
8) Diethyl Ether	2.136	74	13073	20.892	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.313	101	19207	19.141	ug/l	98
10) Methyl Iodide	2.447	142	23404	18.570	ug/l	99
11) Tert butyl alcohol	2.995	59	28332	101.649	ug/l	99
12) 1,1-Dichloroethene	2.306	96	17812	17.876	ug/l	94
13) Acrolein	2.239	56	22831	86.726	ug/l	100
14) Allyl chloride	2.654	41	32125	19.624	ug/l	99
15) Acrylonitrile	3.068	53	59194	104.007	ug/l	100
16) Acetone	2.386	43	65940	107.804	ug/l	100
17) Carbon Disulfide	2.502	76	40924	16.885	ug/l	99
18) Methyl Acetate	2.703	43	29919	19.498	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	74903	21.011	ug/l	99
20) Methylene Chloride	2.788	84	21982	19.491	ug/l	96
21) trans-1,2-Dichloroethene	3.081	96	19134	19.294	ug/l	98
22) Diisopropyl ether	3.763	45	68284	20.738	ug/l	91
23) Vinyl Acetate	3.721	43	313564	89.879	ug/l	100
24) 1,1-Dichloroethane	3.599	63	38162	19.894	ug/l	98
25) 2-Butanone	4.562	43	91309	108.872	ug/l	100
26) 2,2-Dichloropropane	4.465	77	34832	19.085	ug/l	100
27) cis-1,2-Dichloroethene	4.477	96	25071	20.271	ug/l	96
28) Bromochloromethane	4.897	49	18091	23.905	ug/l	98
29) Tetrahydrofuran	5.007	42	57311	107.268	ug/l	98
30) Chloroform	5.086	83	41644	19.769	ug/l	97
31) Cyclohexane	5.452	56	30698	19.424	ug/l	95
32) 1,1,1-Trichloroethane	5.373	97	37512	19.387	ug/l	99
36) 1,1-Dichloropropene	5.684	75	26757	19.665	ug/l	98
37) Ethyl Acetate	4.715	43	35003	21.423	ug/l	99
38) Carbon Tetrachloride	5.666	117	29940	18.588	ug/l	95
39) Methylcyclohexane	7.373	83	33525	19.591	ug/l	99
40) Benzene	6.031	78	82847	20.083	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	17688	20.796	ug/l	95
42) 1,2-Dichloroethane	6.080	62	35734	21.257	ug/l	99
43) Isopropyl Acetate	6.336	43	56493	20.933	ug/l	100
44) Trichloroethene	7.123	130	20857	19.062	ug/l	99
45) 1,2-Dichloropropane	7.421	63	19977	19.733	ug/l	99
46) Dibromomethane	7.580	93	16963	20.910	ug/l	99
47) Bromodichloromethane	7.818	83	31073	19.483	ug/l	98
48) Methyl methacrylate	7.690	41	27399	20.691	ug/l	98
49) 1,4-Dioxane	7.665	88	11120	432.002	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	172171	105.039	ug/l	99
52) Toluene	8.714	92	52166	20.177	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	32704	20.636	ug/l	97
54) cis-1,3-Dichloropropene	8.360	75	33438	19.672	ug/l	94
55) 1,1,2-Trichloroethane	9.147	97	22055	21.465	ug/l	96
56) Ethyl methacrylate	9.116	69	35658	21.227	ug/l	98
57) 1,3-Dichloropropane	9.305	76	36820	21.040	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	81067	107.062	ug/l	99
59) 2-Hexanone	9.427	43	131691	106.244	ug/l	100
60) Dibromochloromethane	9.519	129	22735	19.073	ug/l	99
61) 1,2-Dibromoethane	9.610	107	22769	20.625	ug/l	99
64) Tetrachloroethene	9.269	164	19121	20.392	ug/l	90
65) Chlorobenzene	10.079	112	57238	19.702	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	20127	19.592	ug/l	99
67) Ethyl Benzene	10.189	91	99030	19.721	ug/l	98
68) m/p-Xylenes	10.299	106	74530	39.274	ug/l	100
69) o-Xylene	10.640	106	37303	19.782	ug/l	97
70) Styrene	10.653	104	60962	19.948	ug/l	100
71) Bromoform	10.799	173	14319	18.196	ug/l #	99
73) Isopropylbenzene	10.957	105	95730	19.460	ug/l	99
74) N-amyl acetate	10.841	43	46222	19.794	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.213	83	32304	20.158	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	28220m	20.108	ug/l	
77) Bromobenzene	11.195	156	22781	19.030	ug/l	99
78) n-propylbenzene	11.305	91	105642	19.562	ug/l	99
79) 2-Chlorotoluene	11.360	91	66921	19.275	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	79037	19.477	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	9599	17.726	ug/l	92
82) 4-Chlorotoluene	11.451	91	75919	19.196	ug/l	99
83) tert-Butylbenzene	11.713	119	79411	18.995	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	79435	19.455	ug/l	99
85) sec-Butylbenzene	11.890	105	96313	19.434	ug/l	99
86) p-Isopropyltoluene	12.006	119	80460	19.459	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	40218	19.071	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	40945	18.833	ug/l	98
89) n-Butylbenzene	12.329	91	67220	19.419	ug/l	99
90) Hexachloroethane	12.536	117	13474	17.376	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	41915	19.435	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	7184	18.361	ug/l	100
93) 1,2,4-Trichlorobenzene	13.591	180	23179	18.643	ug/l	98
94) Hexachlorobutadiene	13.725	225	10047	20.385	ug/l	98
95) Naphthalene	13.774	128	86843	19.000	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	24177	18.847	ug/l	98

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

