

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122923\
 Data File : VX039540.D
 Acq On : 29 Dec 2023 13:13
 Operator : JC/MD
 Sample : VX1229MBS02
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1229MBS02

Quant Time: Dec 30 01:59:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 01:28:15 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 01/01/2024
 Supervised By :Mahesh Dadoda 01/01/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	99327	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	185378	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	165939	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	76318	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	92983	51.101	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.200%			
35) Dibromofluoromethane	5.385	113	65985	51.523	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.040%			
50) Toluene-d8	8.647	98	247409	52.036	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 104.080%			
62) 4-Bromofluorobenzene	11.079	95	92608	47.208	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 94.420%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	26817	19.214	ug/l	98
3) Chloromethane	1.294	50	31942	20.643	ug/l	96
4) Vinyl Chloride	1.374	62	29834	20.732	ug/l	98
5) Bromomethane	1.593	94	13904	16.794	ug/l	99
6) Chloroethane	1.660	64	12714	14.661	ug/l #	88
7) Trichlorofluoromethane	1.868	101	41762	19.819	ug/l	96
8) Diethyl Ether	2.136	74	15823	21.696	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.319	101	26235	20.402	ug/l	96
10) Methyl Iodide	2.447	142	26652	20.052	ug/l	92
11) Tert butyl alcohol	2.995	59	55890	122.316	ug/l #	96
12) 1,1-Dichloroethene	2.313	96	24959	19.540	ug/l	92
13) Acrolein	2.239	56	43410	119.087	ug/l	99
14) Allyl chloride	2.660	41	51300	19.826	ug/l	95
15) Acrylonitrile	3.069	53	108106	118.200	ug/l	98
16) Acetone	2.386	43	100524	78.943	ug/l	97
17) Carbon Disulfide	2.502	76	59910	16.028	ug/l	99
18) Methyl Acetate	2.703	43	96307	24.470	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	100267	21.705	ug/l	96
20) Methylene Chloride	2.788	84	31644	20.862	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	26913	19.363	ug/l	98
22) Diisopropyl ether	3.764	45	104487	22.184	ug/l	91
23) Vinyl Acetate	3.721	43	372517	106.235	ug/l	100
24) 1,1-Dichloroethane	3.611	63	55744	20.936	ug/l	98
25) 2-Butanone	4.562	43	156044	99.380	ug/l	97
26) 2,2-Dichloropropane	4.477	77	41463	17.837	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	31732	20.685	ug/l	99
28) Bromochloromethane	4.897	49	29457	22.674	ug/l	93
29) Tetrahydrofuran	5.013	42	102559	118.275	ug/l	99
30) Chloroform	5.093	83	53782	20.213	ug/l	98
31) Cyclohexane	5.471	56	48591	20.675	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	43856	18.987	ug/l	97
36) 1,1-Dichloropropene	5.690	75	38989	19.292	ug/l	99
37) Ethyl Acetate	4.721	43	55615	22.275	ug/l	99
38) Carbon Tetrachloride	5.672	117	33893	17.574	ug/l	95
39) Methylcyclohexane	7.379	83	46462	19.139	ug/l	99
40) Benzene	6.031	78	118553	20.738	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	29121	21.860	ug/l	95
42) 1,2-Dichloroethane	6.086	62	45726	19.760	ug/l	99
43) Isopropyl Acetate	6.342	43	86265	21.247	ug/l	99
44) Trichloroethene	7.129	130	27222	18.870	ug/l	94
45) 1,2-Dichloropropane	7.428	63	32642	21.275	ug/l	99
46) Dibromomethane	7.580	93	21514	19.948	ug/l	95
47) Bromodichloromethane	7.824	83	37671	18.268	ug/l	95
48) Methyl methacrylate	7.696	41	50027	21.076	ug/l	96
49) 1,4-Dioxane	7.665	88	18507	578.427	ug/l #	96
51) 4-Methyl-2-Pentanone	8.574	43	308254	119.159	ug/l	99
52) Toluene	8.720	92	71127	20.614	ug/l	96
53) t-1,3-Dichloropropene	8.982	75	40591	17.879	ug/l	94
54) cis-1,3-Dichloropropene	8.366	75	45546	18.645	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	30709	21.318	ug/l	92
56) Ethyl methacrylate	9.116	69	38470	21.877	ug/l	97
57) 1,3-Dichloropropane	9.311	76	52541	21.098	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	129742	125.649	ug/l	92
59) 2-Hexanone	9.433	43	244512	109.519	ug/l	100
60) Dibromochloromethane	9.519	129	25919	17.791	ug/l	98
61) 1,2-Dibromoethane	9.610	107	31868	20.724	ug/l	99
64) Tetrachloroethene	9.275	164	20929	19.301	ug/l	97
65) Chlorobenzene	10.079	112	72329	19.970	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	24887	19.453	ug/l	97
67) Ethyl Benzene	10.195	91	137051	20.328	ug/l	100
68) m/p-Xylenes	10.299	106	98259	40.648	ug/l	92
69) o-Xylene	10.640	106	50398	21.563	ug/l	98
70) Styrene	10.659	104	70481	20.627	ug/l	96
71) Bromoform	10.799	173	16662	17.521	ug/l #	100
73) Isopropylbenzene	10.963	105	131227	22.286	ug/l	100
74) N-amyl acetate	10.842	43	69935	23.475	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	54946	25.084	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	45068m	22.825	ug/l	
77) Bromobenzene	11.195	156	28899	22.194	ug/l	93
78) n-propylbenzene	11.305	91	152600	21.034	ug/l	97
79) 2-Chlorotoluene	11.366	91	95536	21.771	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	113114	22.550	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	12231	17.475	ug/l	95
82) 4-Chlorotoluene	11.457	91	108540	21.058	ug/l	98
83) tert-Butylbenzene	11.713	119	106990	22.412	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	114743	22.306	ug/l	98
85) sec-Butylbenzene	11.890	105	132019	21.732	ug/l	96
86) p-Isopropyltoluene	12.006	119	107890	21.163	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	52697	20.600	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	52718	19.793	ug/l	98
89) n-Butylbenzene	12.335	91	95354	19.026	ug/l	96
90) Hexachloroethane	12.536	117	17262	18.744	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	53698	21.939	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	12389	21.473	ug/l	96
93) 1,2,4-Trichlorobenzene	13.591	180	29647	18.498	ug/l	97
94) Hexachlorobutadiene	13.725	225	11923	19.741	ug/l	97
95) Naphthalene	13.774	128	124623	22.328	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	31131	20.121	ug/l	99

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

