

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082423\
 Data File : VX037204.D
 Acq On : 24 Aug 2023 10:07
 Operator : JC/MD
 Sample : VX0824MBS01
 Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0824MBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 08/25/2023
 Supervised By :Semsettin Yesilyurt 08/25/2023

Quant Time: Aug 24 23:36:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	115355	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	221466	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	212387	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	106359	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	106161	63.835	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 127.680%#			
35) Dibromofluoromethane	5.385	113	84635	57.704	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 115.400%			
50) Toluene-d8	8.647	98	291679	54.823	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 109.640%			
62) 4-Bromofluorobenzene	11.079	95	118378	56.618	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 113.240%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	23250	17.351	ug/l	97
3) Chloromethane	1.301	50	29711	25.344	ug/l	96
4) Vinyl Chloride	1.374	62	26496	20.764	ug/l	99
5) Bromomethane	1.599	94	14377	22.619	ug/l	97
6) Chloroethane	1.672	64	17693	23.563	ug/l	94
7) Trichlorofluoromethane	1.880	101	40065	19.168	ug/l	100
8) Diethyl Ether	2.136	74	20191	24.968	ug/l	78
9) 1,1,2-Trichlorotrifluo...	2.325	101	20954	17.184	ug/l	97
10) Methyl Iodide	2.447	142	36394	24.557	ug/l	97
11) Tert butyl alcohol	2.971	59	48890	125.323	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	23063	19.422	ug/l #	79
13) Acrolein	2.233	56	37068	124.902	ug/l	97
14) Allyl chloride	2.660	41	42224	22.973	ug/l #	95
15) Acrylonitrile	3.062	53	88478	127.068	ug/l	99
16) Acetone	2.380	43	83339	128.095	ug/l	93
17) Carbon Disulfide	2.508	76	50556	16.738	ug/l	97
18) Methyl Acetate	2.703	43	60919	24.869	ug/l #	89
19) Methyl tert-butyl Ether	3.111	73	113174	25.130	ug/l	95
20) Methylene Chloride	2.788	84	33667	23.140	ug/l #	87
21) trans-1,2-Dichloroethene	3.093	96	28359	21.009	ug/l	86
22) Diisopropyl ether	3.764	45	92957	24.647	ug/l #	83
23) Vinyl Acetate	3.721	43	359145	124.262	ug/l #	92
24) 1,1-Dichloroethane	3.611	63	55896	23.633	ug/l	97
25) 2-Butanone	4.556	43	122757	125.312	ug/l #	88
26) 2,2-Dichloropropane	4.477	77	46307	21.923	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	36889	23.181	ug/l	90
28) Bromochloromethane	4.897	49	23971	22.688	ug/l #	78
29) Tetrahydrofuran	5.001	42	74833	119.785	ug/l #	83
30) Chloroform	5.093	83	62956	23.712	ug/l	96
31) Cyclohexane	5.464	56	32114	17.174	ug/l	86
32) 1,1,1-Trichloroethane	5.385	97	51062	21.462	ug/l	97
36) 1,1-Dichloropropene	5.690	75	35886	17.221	ug/l	98
37) Ethyl Acetate	4.708	43	46534	21.861	ug/l #	94
38) Carbon Tetrachloride	5.678	117	41262	18.229	ug/l	91
39) Methylcyclohexane	7.379	83	35013	15.992	ug/l	88
40) Benzene	6.038	78	125075	20.928	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	24886	22.489	ug/l #	90
42) 1,2-Dichloroethane	6.086	62	52034	22.202	ug/l	96
43) Isopropyl Acetate	6.342	43	75016	22.198	ug/l #	93
44) Trichloroethene	7.123	130	31557	18.622	ug/l	99
45) 1,2-Dichloropropane	7.434	63	32493	22.050	ug/l	98
46) Dibromomethane	7.580	93	25941	22.346	ug/l	93
47) Bromodichloromethane	7.824	83	49522	22.272	ug/l	97
48) Methyl methacrylate	7.690	41	36850	22.359	ug/l #	88
49) 1,4-Dioxane	7.659	88	21683	488.512	ug/l #	85
51) 4-Methyl-2-Pentanone	8.574	43	239037	116.484	ug/l	92
52) Toluene	8.720	92	80820	20.467	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	52194	22.046	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	55039	21.513	ug/l #	88
55) 1,1,2-Trichloroethane	9.153	97	37606	23.388	ug/l	98
56) Ethyl methacrylate	9.116	69	57700	22.910	ug/l	88
57) 1,3-Dichloropropane	9.305	76	61704	22.765	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	136403	112.858	ug/l	94
59) 2-Hexanone	9.427	43	188037	120.177	ug/l	89
60) Dibromochloromethane	9.519	129	38766	22.645	ug/l	100
61) 1,2-Dibromoethane	9.610	107	39242	22.291	ug/l	99
64) Tetrachloroethene	9.275	164	23071	14.890	ug/l	98
65) Chlorobenzene	10.079	112	91262	20.331	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	35478	21.414	ug/l	99
67) Ethyl Benzene	10.195	91	152146	19.262	ug/l	100
68) m/p-Xylenes	10.299	106	117727	38.595	ug/l	100
69) o-Xylene	10.640	106	61996	20.600	ug/l	98
70) Styrene	10.653	104	103334	20.845	ug/l	98
71) Bromoform	10.799	173	27888	22.504	ug/l #	99
73) Isopropylbenzene	10.963	105	148279	19.180	ug/l	99
74) N-amyl acetate	10.842	43	67322	22.412	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	61093	23.466	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	50100m	22.118	ug/l	
77) Bromobenzene	11.195	156	39391	20.863	ug/l	94
78) n-propylbenzene	11.305	91	163288	18.969	ug/l	99
79) 2-Chlorotoluene	11.366	91	112009	20.361	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	130300	20.205	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	16725	20.623	ug/l	95
82) 4-Chlorotoluene	11.451	91	126171	19.869	ug/l	98
83) tert-Butylbenzene	11.713	119	128237	20.851	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	132977	20.403	ug/l	97
85) sec-Butylbenzene	11.890	105	143812	20.019	ug/l	98
86) p-Isopropyltoluene	12.006	119	123930	20.040	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	70965	20.076	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	72699	19.906	ug/l	99
89) n-Butylbenzene	12.329	91	96769	18.874	ug/l	99
90) Hexachloroethane	12.536	117	22303	21.608	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	75305	21.756	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	13851	22.896	ug/l	89
93) 1,2,4-Trichlorobenzene	13.585	180	40038	19.769	ug/l	98
94) Hexachlorobutadiene	13.725	225	14064	17.975	ug/l	99
95) Naphthalene	13.774	128	163039	18.377	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	41839	20.793	ug/l	99

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

