

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080723\
 Data File : VX036827.D
 Acq On : 07 Aug 2023 10:37
 Operator : JC/MD
 Sample : VX0807MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 08 01:30:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John

Carlone

08/08/2023

Supervised By :Mahesh

Dadoda

08/08/2023

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	150309	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	259302	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	228034	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	111438	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.958	65	99056	44.539	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	89.080%
35) Dibromofluoromethane	5.385	113	82391	46.227	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.460%
50) Toluene-d8	8.647	98	270312	42.768	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	85.540%#
62) 4-Bromofluorobenzene	11.079	95	105966	44.438	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.880%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.166	85	41487	20.894	ug/l	99
3) Chloromethane	1.300	50	34914	19.332	ug/l	98
4) Vinyl Chloride	1.374	62	38067	20.703	ug/l	100
5) Bromomethane	1.599	94	21632	19.706	ug/l	99
6) Chloroethane	1.684	64	23503	26.291	ug/l	99
7) Trichlorofluoromethane	1.886	101	64102	22.575	ug/l	99
8) Diethyl Ether	2.136	74	22763	20.720	ug/l	77
9) 1,1,2-Trichlorotrifluo...	2.331	101	35904	21.046	ug/l	99
10) Methyl Iodide	2.453	142	37547	21.190	ug/l	95
11) Tert butyl alcohol	2.959	59	59484	112.974	ug/l #	93
12) 1,1-Dichloroethene	2.318	96	34879	20.723	ug/l	92
13) Acrolein	2.239	56	21827	72.638	ug/l	99
14) Allyl chloride	2.666	41	61681	18.611	ug/l #	96
15) Acrylonitrile	3.062	53	107606	101.623	ug/l	99
16) Acetone	2.379	43	97048	105.156	ug/l	91
17) Carbon Disulfide	2.514	76	93021	20.025	ug/l	98
18) Methyl Acetate	2.703	43	76512	19.707	ug/l	92
19) Methyl tert-butyl Ether	3.117	73	131153	20.736	ug/l	100
20) Methylene Chloride	2.788	84	39932	19.455	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	39680	21.094	ug/l	91
22) Diisopropyl ether	3.763	45	119110	18.928	ug/l	89
23) Vinyl Acetate	3.721	43	474208	98.240	ug/l	96
24) 1,1-Dichloroethane	3.611	63	72089	20.433	ug/l	98
25) 2-Butanone	4.556	43	152881	102.102	ug/l	95
26) 2,2-Dichloropropane	4.477	77	66117	19.888	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	46218	20.686	ug/l	93
28) Bromochloromethane	4.897	49	33498	19.632	ug/l	86
29) Tetrahydrofuran	5.007	42	97606	101.108	ug/l	90
30) Chloroform	5.098	83	76420	21.171	ug/l	96
31) Cyclohexane	5.470	56	59184	19.219	ug/l	89
32) 1,1,1-Trichloroethane	5.385	97	69441	20.996	ug/l	98
36) 1,1-Dichloropropene	5.696	75	53510	20.143	ug/l	97
37) Ethyl Acetate	4.720	43	58917	19.595	ug/l	96
38) Carbon Tetrachloride	5.678	117	60257	21.336	ug/l	96
39) Methylcyclohexane	7.379	83	65828	19.928	ug/l	94
40) Benzene	6.037	78	158021	20.445	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	31742	19.738	ug/l	93
42) 1,2-Dichloroethane	6.092	62	61860	21.891	ug/l	96
43) Isopropyl Acetate	6.342	43	98311	18.995	ug/l	94
44) Trichloroethene	7.129	130	43021	21.295	ug/l	94
45) 1,2-Dichloropropane	7.433	63	40967	19.853	ug/l	99
46) Dibromomethane	7.580	93	30559	21.160	ug/l	97
47) Bromodichloromethane	7.824	83	60297	20.340	ug/l	97
48) Methyl methacrylate	7.696	41	46433	19.291	ug/l	89
49) 1,4-Dioxane	7.659	88	22124	454.987	ug/l #	90
51) 4-Methyl-2-Pentanone	8.573	43	291612	101.812	ug/l	95
52) Toluene	8.720	92	100456	20.743	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	64912	19.373	ug/l	96
54) cis-1,3-Dichloropropene	8.366	75	69153	19.559	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	41827	20.546	ug/l	96
56) Ethyl methacrylate	9.116	69	66358	20.018	ug/l	93
57) 1,3-Dichloropropane	9.311	76	70738	20.862	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	137800	84.366	ug/l	96
59) 2-Hexanone	9.427	43	220342	103.655	ug/l	93
60) Dibromochloromethane	9.518	129	46401	20.738	ug/l	98
61) 1,2-Dibromoethane	9.610	107	45040	21.348	ug/l	100
64) Tetrachloroethene	9.275	164	39809	23.405	ug/l	98
65) Chlorobenzene	10.079	112	105900	21.068	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	41161	21.186	ug/l	99
67) Ethyl Benzene	10.195	91	189927	20.684	ug/l	99
68) m/p-Xylenes	10.299	106	144499	42.176	ug/l	99
69) o-Xylene	10.640	106	72133	21.093	ug/l	99
70) Styrene	10.658	104	116906	20.720	ug/l	98
71) Bromoform	10.799	173	32934	20.941	ug/l #	99
73) Isopropylbenzene	10.963	105	186881	20.264	ug/l	98
74) N-amyl acetate	10.841	43	79574	18.503	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	61813	19.844	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	52222m	19.923	ug/l	
77) Bromobenzene	11.195	156	43138	20.539	ug/l	95
78) n-propylbenzene	11.305	91	213965	20.061	ug/l	100
79) 2-Chlorotoluene	11.366	91	129653	20.060	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	157316	20.390	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	21068	18.218	ug/l	89
82) 4-Chlorotoluene	11.451	91	147856	20.078	ug/l	100
83) tert-Butylbenzene	11.713	119	151261	19.957	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	157669	20.434	ug/l	97
85) sec-Butylbenzene	11.890	105	191724	20.283	ug/l	100
86) p-Isopropyltoluene	12.006	119	160355	20.617	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	78921	20.288	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	79909	20.699	ug/l	99
89) n-Butylbenzene	12.335	91	134730	19.351	ug/l	99
90) Hexachloroethane	12.536	117	29440	18.671	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	77506	20.647	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.938	75	14382	19.869	ug/l	88
93) 1,2,4-Trichlorobenzene	13.591	180	47273	20.441	ug/l	95
94) Hexachlorobutadiene	13.725	225	19225	20.093	ug/l	99
95) Naphthalene	13.774	128	169986	21.092	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	48089	21.097	ug/l	99

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

