

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061124\
 Data File : VX041824.D
 Acq On : 11 Jun 2024 12:46
 Operator : JC/MD
 Sample : VX0611MBSD01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0611MBSD01

Manual Integrations
 APPROVED

Reviewed By : Semsettin
 Yesilyurt

06/12/2024
 Supervised By : Mahesh
 Dadoda

Quant Time: Jun 12 05:48:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052924W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 30 07:36:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	173353	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	258690	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	236106	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	124729	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.952	65	105842	49.782	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.560%
35) Dibromofluoromethane	5.385	113	83154	46.492	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.980%
50) Toluene-d8	8.647	98	285015	45.606	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.220%#
62) 4-Bromofluorobenzene	11.079	95	104901	45.479	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.960%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.166	85	28165	18.490	ug/l	95
3) Chloromethane	1.300	50	31303	18.835	ug/l	99
4) Vinyl Chloride	1.373	62	31496	18.409	ug/l	99
5) Bromomethane	1.599	94	21706	18.217	ug/l	99
6) Chloroethane	1.666	64	19999	19.340	ug/l	100
7) Trichlorofluoromethane	1.867	101	56475	20.214	ug/l	97
8) Diethyl Ether	2.136	74	24860	23.088	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.318	101	33792	21.346	ug/l	88
10) Methyl Iodide	2.446	142	37214	18.851	ug/l	92
11) Tert butyl alcohol	3.001	59	41193	109.524	ug/l	# 92
12) 1,1-Dichloroethene	2.312	96	33867	21.916	ug/l	85
13) Acrolein	2.239	56	40090	114.480	ug/l	99
14) Allyl chloride	2.660	41	50988	20.057	ug/l	99
15) Acrylonitrile	3.068	53	100844	109.330	ug/l	98
16) Acetone	2.392	43	93693	98.696	ug/l	97
17) Carbon Disulfide	2.501	76	54365	15.903	ug/l	97
18) Methyl Acetate	2.709	43	50025	24.642	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	105644	20.434	ug/l	98
20) Methylene Chloride	2.788	84	35491	18.653	ug/l	95
21) trans-1,2-Dichloroethene	3.087	96	29690	18.518	ug/l	91
22) Diisopropyl ether	3.763	45	109785	21.131	ug/l	95
23) Vinyl Acetate	3.721	43	485025	103.917	ug/l	98
24) 1,1-Dichloroethane	3.605	63	58740	19.995	ug/l	98
25) 2-Butanone	4.568	43	142519	107.854	ug/l	98
26) 2,2-Dichloropropane	4.464	77	41776	17.332	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	37875	19.762	ug/l	93
28) Bromochloromethane	4.897	49	23802	18.811	ug/l	83
29) Tetrahydrofuran	5.013	42	91968	110.360	ug/l	98
30) Chloroform	5.092	83	62620	20.302	ug/l	94
31) Cyclohexane	5.464	56	44011	17.533	ug/l	91
32) 1,1,1-Trichloroethane	5.379	97	52090	19.272	ug/l	99
36) 1,1-Dichloropropene	5.690	75	37267	17.208	ug/l	96
37) Ethyl Acetate	4.720	43	52839	19.333	ug/l	99
38) Carbon Tetrachloride	5.672	117	42969	17.464	ug/l	98
39) Methylcyclohexane	7.379	83	45667	17.164	ug/l	96
40) Benzene	6.037	78	129142	19.078	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	28991	21.689	ug/l	95
42) 1,2-Dichloroethane	6.086	62	50672	20.052	ug/l	97
43) Isopropyl Acetate	6.342	43	82978	20.109	ug/l	99
44) Trichloroethene	7.122	130	32745	17.786	ug/l	95
45) 1,2-Dichloropropane	7.427	63	32341	20.094	ug/l	99
46) Dibromomethane	7.580	93	24745	20.045	ug/l #	82
47) Bromodichloromethane	7.817	83	44107	19.296	ug/l	98
48) Methyl methacrylate	7.696	41	40989	20.684	ug/l	95
49) 1,4-Dioxane	7.665	88	18334	423.437	ug/l #	93
51) 4-Methyl-2-Pentanone	8.573	43	291666	109.000	ug/l	99
52) Toluene	8.714	92	81476	18.966	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	41602	18.490	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	46828	18.814	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	35028	20.227	ug/l	98
56) Ethyl methacrylate	9.116	69	53562	20.264	ug/l	98
57) 1,3-Dichloropropane	9.305	76	58331	20.289	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	127598	102.536	ug/l	96
59) 2-Hexanone	9.433	43	219981	107.831	ug/l	97
60) Dibromochloromethane	9.518	129	36186	18.836	ug/l	99
61) 1,2-Dibromoethane	9.610	107	36035	19.716	ug/l	100
64) Tetrachloroethene	9.275	164	31698	17.913	ug/l	90
65) Chlorobenzene	10.079	112	93496	18.452	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	33174	18.867	ug/l	97
67) Ethyl Benzene	10.195	91	149120	18.466	ug/l	98
68) m/p-Xylenes	10.299	106	120591	37.538	ug/l	93
69) o-Xylene	10.640	106	58580	18.330	ug/l	97
70) Styrene	10.652	104	99626	18.874	ug/l	96
71) Bromoform	10.799	173	28862	18.848	ug/l #	100
73) Isopropylbenzene	10.963	105	152319	19.687	ug/l	99
74) N-amyl acetate	10.841	43	71506	20.864	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	57942	21.102	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	46561m	21.395	ug/l	
77) Bromobenzene	11.195	156	44720	19.582	ug/l	81
78) n-propylbenzene	11.305	91	163447	19.239	ug/l	97
79) 2-Chlorotoluene	11.366	91	105627	19.344	ug/l	94
80) 1,3,5-Trimethylbenzene	11.451	105	126418	19.570	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	14385	18.015	ug/l	97
82) 4-Chlorotoluene	11.451	91	119149	19.180	ug/l	95
83) tert-Butylbenzene	11.713	119	133092	19.127	ug/l	93
84) 1,2,4-Trimethylbenzene	11.750	105	127981	19.554	ug/l	95
85) sec-Butylbenzene	11.890	105	154825	19.408	ug/l	97
86) p-Isopropyltoluene	12.006	119	133708	19.111	ug/l	95
87) 1,3-Dichlorobenzene	11.969	146	76391	18.730	ug/l	95
88) 1,4-Dichlorobenzene	12.042	146	77986	18.549	ug/l	96
89) n-Butylbenzene	12.335	91	101325	18.294	ug/l	98
90) Hexachloroethane	12.536	117	21157	17.779	ug/l	66
91) 1,2-Dichlorobenzene	12.335	146	79398	19.111	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	11823	21.314	ug/l	67
93) 1,2,4-Trichlorobenzene	13.591	180	50070	18.287	ug/l	95
94) Hexachlorobutadiene	13.725	225	23905	17.622	ug/l	99
95) Naphthalene	13.774	128	162807	20.150	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	52845	18.753	ug/l	96

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

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

