

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010424\
 Data File : VX039619.D
 Acq On : 04 Jan 2024 11:11
 Operator : JC/MD
 Sample : VX0104MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0104MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/05/2024
 Supervised By : Mahesh Dadoda 01/05/2024

Quant Time: Jan 05 00:38:27 2024
 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

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	106988	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	196151	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	183122	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	89272	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	98124	50.065	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.120%			
35) Dibromofluoromethane	5.385	113	71796	52.982	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.960%			
50) Toluene-d8	8.647	98	265096	52.694	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 105.380%			
62) 4-Bromofluorobenzene	11.079	95	104760	50.469	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.940%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	27607	18.363	ug/l	94
3) Chloromethane	1.294	50	31623	18.974	ug/l	98
4) Vinyl Chloride	1.374	62	30564	19.718	ug/l	96
5) Bromomethane	1.611	94	19873	22.285	ug/l	99
6) Chloroethane	1.691	64	18247	19.534	ug/l	94
7) Trichlorofluoromethane	1.892	101	42623	18.779	ug/l	97
8) Diethyl Ether	2.136	74	16715	21.278	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.331	101	27295	19.707	ug/l	96
10) Methyl Iodide	2.453	142	26844	18.750	ug/l	93
11) Tert butyl alcohol	2.947	59	40052	81.378	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	26439	19.217	ug/l	93
13) Acrolein	2.233	56	31277	79.658	ug/l	99
14) Allyl chloride	2.666	41	51897	18.620	ug/l	98
15) Acrylonitrile	3.056	53	98552	100.038	ug/l	99
16) Acetone	2.373	43	99127	70.086	ug/l	93
17) Carbon Disulfide	2.514	76	67402	16.741	ug/l	97
18) Methyl Acetate	2.703	43	91563	21.599	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	98087	19.713	ug/l	97
20) Methylene Chloride	2.788	84	31226	19.112	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	28895	19.301	ug/l	93
22) Diisopropyl ether	3.757	45	107189	21.128	ug/l	96
23) Vinyl Acetate	3.721	43	378107	100.108	ug/l	100
24) 1,1-Dichloroethane	3.605	63	56525	19.709	ug/l	98
25) 2-Butanone	4.550	43	146092	86.379	ug/l	100
26) 2,2-Dichloropropane	4.477	77	45219	18.060	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	33314	20.161	ug/l	99
28) Bromochloromethane	4.897	49	29501	21.082	ug/l	92
29) Tetrahydrofuran	5.001	42	92116	98.625	ug/l	99
30) Chloroform	5.093	83	56735	19.796	ug/l	98
31) Cyclohexane	5.477	56	49191	19.432	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	47182	18.964	ug/l	97
36) 1,1-Dichloropropene	5.696	75	41268	19.299	ug/l	98
37) Ethyl Acetate	4.715	43	50802	19.229	ug/l	98
38) Carbon Tetrachloride	5.678	117	37555	18.403	ug/l	86
39) Methylcyclohexane	7.379	83	48796	18.997	ug/l	95
40) Benzene	6.044	78	122296	20.218	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	29022	20.589	ug/l	98
42) 1,2-Dichloroethane	6.086	62	47185	19.270	ug/l	99
43) Isopropyl Acetate	6.336	43	84952	19.774	ug/l	99
44) Trichloroethene	7.123	130	29092	19.059	ug/l	92
45) 1,2-Dichloropropane	7.427	63	32989	20.321	ug/l	99
46) Dibromomethane	7.580	93	21965	19.247	ug/l	97
47) Bromodichloromethane	7.818	83	42025	19.260	ug/l	98
48) Methyl methacrylate	7.690	41	49929	19.880	ug/l	95
49) 1,4-Dioxane	7.659	88	12942	382.280	ug/l #	99
51) 4-Methyl-2-Pentanone	8.568	43	281913	102.992	ug/l	98
52) Toluene	8.720	92	73968	20.260	ug/l	93
53) t-1,3-Dichloropropene	8.976	75	45427	18.910	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	49795	19.264	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	31183	20.459	ug/l	95
56) Ethyl methacrylate	9.116	69	38123	20.489	ug/l	95
57) 1,3-Dichloropropane	9.305	76	54509	20.686	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	125572	114.932	ug/l	94
59) 2-Hexanone	9.427	43	222576	94.218	ug/l	98
60) Dibromochloromethane	9.519	129	29439	19.098	ug/l	100
61) 1,2-Dibromoethane	9.610	107	32593	20.031	ug/l	99
64) Tetrachloroethene	9.275	164	22807	19.059	ug/l	94
65) Chlorobenzene	10.079	112	76042	19.025	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	27012	19.132	ug/l	97
67) Ethyl Benzene	10.189	91	145267	19.525	ug/l	97
68) m/p-Xylenes	10.299	106	105403	39.512	ug/l	95
69) o-Xylene	10.640	106	51333	19.902	ug/l	96
70) Styrene	10.653	104	73850	19.585	ug/l	96
71) Bromoform	10.799	173	19027	18.131	ug/l #	99
73) Isopropylbenzene	10.963	105	138726	20.141	ug/l	100
74) N-amyl acetate	10.841	43	70082	20.110	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.207	83	52558	20.512	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	44197m	19.136	ug/l	
77) Bromobenzene	11.195	156	30552	20.059	ug/l	94
78) n-propylbenzene	11.305	91	168821	19.893	ug/l	97
79) 2-Chlorotoluene	11.366	91	99722	19.427	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	118934	20.270	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	13829	16.891	ug/l	98
82) 4-Chlorotoluene	11.451	91	116629	19.344	ug/l	98
83) tert-Butylbenzene	11.713	119	113132	20.259	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	120490	20.024	ug/l	100
85) sec-Butylbenzene	11.890	105	142222	20.015	ug/l	98
86) p-Isopropyltoluene	12.006	119	120295	20.172	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	57489	19.212	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	59186	18.997	ug/l	97
89) n-Butylbenzene	12.329	91	116666	19.901	ug/l	96
90) Hexachloroethane	12.536	117	19919	18.491	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	57018	19.915	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	12100	17.929	ug/l	95
93) 1,2,4-Trichlorobenzene	13.585	180	36025	19.216	ug/l	99
94) Hexachlorobutadiene	13.725	225	14120	19.986	ug/l	96
95) Naphthalene	13.774	128	130612	20.005	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	35513	19.622	ug/l	99

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

