

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010424\
 Data File : VX039620.D
 Acq On : 04 Jan 2024 11:50
 Operator : JC/MD
 Sample : VX0104MBSD01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0104MBSD01

Manual Integrations
 APPROVED

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

Quant Time: Jan 05 00:39:17 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	100991	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	183252	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	169573	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	83097	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	91082	49.231	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.460%		
35) Dibromofluoromethane	5.379	113	66680	52.670	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	105.340%		
50) Toluene-d8	8.647	98	248656	52.905	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	105.820%		
62) 4-Bromofluorobenzene	11.079	95	98924	51.012	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	102.020%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	25712	18.118	ug/l	98
3) Chloromethane	1.294	50	29759	18.916	ug/l	98
4) Vinyl Chloride	1.374	62	28736	19.640	ug/l	99
5) Bromomethane	1.605	94	18529	22.011	ug/l	96
6) Chloroethane	1.691	64	17362	19.691	ug/l	97
7) Trichlorofluoromethane	1.886	101	40608	18.953	ug/l	95
8) Diethyl Ether	2.130	74	16158	21.790	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	25682	19.643	ug/l	96
10) Methyl Iodide	2.453	142	25816	19.103	ug/l	94
11) Tert butyl alcohol	2.947	59	41828	90.033	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	24266	18.685	ug/l	99
13) Acrolein	2.233	56	32860	88.660	ug/l	100
14) Allyl chloride	2.666	41	49665	18.878	ug/l	97
15) Acrylonitrile	3.056	53	99981	107.515	ug/l	99
16) Acetone	2.373	43	100848	77.548	ug/l	92
17) Carbon Disulfide	2.514	76	61992	16.312	ug/l	96
18) Methyl Acetate	2.697	43	89522	22.371	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	94974	20.221	ug/l	99
20) Methylene Chloride	2.788	84	29701	19.258	ug/l	91
21) trans-1,2-Dichloroethene	3.087	96	26785	18.954	ug/l	99
22) Diisopropyl ether	3.751	45	101049	21.100	ug/l	99
23) Vinyl Acetate	3.715	43	364724	102.298	ug/l	99
24) 1,1-Dichloroethane	3.605	63	52560	19.415	ug/l	100
25) 2-Butanone	4.544	43	147482	92.379	ug/l	97
26) 2,2-Dichloropropane	4.465	77	42094	17.811	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	31139	19.964	ug/l	98
28) Bromochloromethane	4.897	49	27874	21.102	ug/l	93
29) Tetrahydrofuran	4.995	42	91390	103.658	ug/l	99
30) Chloroform	5.086	83	52720	19.487	ug/l	95
31) Cyclohexane	5.470	56	45767	19.153	ug/l	95
32) 1,1,1-Trichloroethane	5.379	97	42734	18.196	ug/l	97
36) 1,1-Dichloropropene	5.690	75	37868	18.955	ug/l	99
37) Ethyl Acetate	4.708	43	51557	20.889	ug/l	99
38) Carbon Tetrachloride	5.672	117	35560	18.652	ug/l	98
39) Methylcyclohexane	7.373	83	46378	19.326	ug/l	96
40) Benzene	6.031	78	112732	19.948	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	28135	21.365	ug/l	95
42) 1,2-Dichloroethane	6.080	62	45052	19.694	ug/l	99
43) Isopropyl Acetate	6.330	43	82642	20.591	ug/l	99
44) Trichloroethene	7.123	130	27288	19.135	ug/l	93
45) 1,2-Dichloropropane	7.427	63	31353	20.672	ug/l	97
46) Dibromomethane	7.574	93	22102	20.731	ug/l	94
47) Bromodichloromethane	7.818	83	40471	19.853	ug/l #	99
48) Methyl methacrylate	7.690	41	48500	20.670	ug/l	96
49) 1,4-Dioxane	7.659	88	13162	416.144	ug/l #	99
51) 4-Methyl-2-Pentanone	8.568	43	277569	108.543	ug/l	98
52) Toluene	8.714	92	69077	20.252	ug/l	94
53) t-1,3-Dichloropropene	8.976	75	42915	19.122	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	47027	19.474	ug/l	95
55) 1,1,2-Trichloroethane	9.147	97	30090	21.131	ug/l	93
56) Ethyl methacrylate	9.116	69	37653	21.660	ug/l	99
57) 1,3-Dichloropropane	9.305	76	52067	21.150	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.238	63	120909	118.453	ug/l	94
59) 2-Hexanone	9.427	43	220406	99.867	ug/l	99
60) Dibromochloromethane	9.519	129	28569	19.838	ug/l	100
61) 1,2-Dibromoethane	9.604	107	31118	20.471	ug/l	100
64) Tetrachloroethene	9.269	164	21314	19.235	ug/l	93
65) Chlorobenzene	10.079	112	72562	19.605	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	26072	19.942	ug/l	97
67) Ethyl Benzene	10.189	91	136810	19.857	ug/l	97
68) m/p-Xylenes	10.299	106	98236	39.767	ug/l	95
69) o-Xylene	10.640	106	47603	19.931	ug/l	91
70) Styrene	10.652	104	71003	20.335	ug/l	97
71) Bromoform	10.799	173	18663	19.205	ug/l #	100
73) Isopropylbenzene	10.963	105	130985	20.430	ug/l	99
74) N-amyl acetate	10.841	43	66094	20.375	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.207	83	51049	21.404	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	43685m	20.320	ug/l	
77) Bromobenzene	11.195	156	29300	20.667	ug/l	95
78) n-propylbenzene	11.305	91	157877	19.986	ug/l	97
79) 2-Chlorotoluene	11.360	91	94772	19.835	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	111123	20.346	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	13191	17.309	ug/l	100
82) 4-Chlorotoluene	11.451	91	111448	19.859	ug/l	98
83) tert-Butylbenzene	11.713	119	104745	20.151	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	111906	19.980	ug/l	100
85) sec-Butylbenzene	11.890	105	136258	20.600	ug/l	97
86) p-Isopropyltoluene	12.006	119	111578	20.101	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	54493	19.564	ug/l	98
88) 1,4-Dichlorobenzene	12.036	146	56335	19.425	ug/l	97
89) n-Butylbenzene	12.335	91	111360	20.408	ug/l	96
90) Hexachloroethane	12.536	117	18588	18.538	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	55366	20.775	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	11615	18.489	ug/l	100
93) 1,2,4-Trichlorobenzene	13.585	180	34668	19.866	ug/l	99
94) Hexachlorobutadiene	13.725	225	14008	21.301	ug/l	97
95) Naphthalene	13.774	128	128339	21.118	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	34662	20.575	ug/l	99

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

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