

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010324\
 Data File : VX039607.D
 Acq On : 03 Jan 2024 17:07
 Operator : JC/MD
 Sample : VX0103MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0103MBS01

Quant Time: Jan 04 03:35:21 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

Manual Integrations
 APPROVED

Reviewed By :John Carlone 01/04/2024
 Supervised By :Mahesh Dadoda 01/04/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	106119	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	197183	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	180651	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	86653	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	98298	50.564	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.120%			
35) Dibromofluoromethane	5.385	113	73101	53.663	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.320%			
50) Toluene-d8	8.647	98	264220	52.245	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 104.480%			
62) 4-Bromofluorobenzene	11.079	95	103809	49.749	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.500%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	28097	18.842	ug/l	100
3) Chloromethane	1.294	50	33088	20.015	ug/l	98
4) Vinyl Chloride	1.374	62	31016	20.174	ug/l	99
5) Bromomethane	1.611	94	18682	21.121	ug/l	96
6) Chloroethane	1.691	64	19007	20.515	ug/l	94
7) Trichlorofluoromethane	1.892	101	44151	19.611	ug/l	99
8) Diethyl Ether	2.130	74	17082	21.923	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	27062	19.698	ug/l	96
10) Methyl Iodide	2.453	142	28079	19.774	ug/l	94
11) Tert butyl alcohol	2.946	59	48243	98.823	ug/l #	93
12) 1,1-Dichloroethene	2.319	96	26182	19.186	ug/l	98
13) Acrolein	2.233	56	31981	82.118	ug/l	100
14) Allyl chloride	2.666	41	55461	20.062	ug/l	96
15) Acrylonitrile	3.062	53	105956	108.434	ug/l	98
16) Acetone	2.373	43	98075	69.846	ug/l	94
17) Carbon Disulfide	2.514	76	67260	16.843	ug/l	98
18) Methyl Acetate	2.703	43	96201	22.879	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	104977	21.270	ug/l	98
20) Methylene Chloride	2.794	84	32618	20.127	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	28666	19.305	ug/l	97
22) Diisopropyl ether	3.757	45	110297	21.918	ug/l	98
23) Vinyl Acetate	3.721	43	397345	106.063	ug/l	100
24) 1,1-Dichloroethane	3.611	63	58676	20.627	ug/l	99
25) 2-Butanone	4.550	43	152307	90.792	ug/l	99
26) 2,2-Dichloropropane	4.471	77	46045	18.541	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	34422	21.002	ug/l	99
28) Bromochloromethane	4.891	49	27905	20.105	ug/l	94
29) Tetrahydrofuran	5.001	42	100454	108.433	ug/l	99
30) Chloroform	5.092	83	58392	20.541	ug/l	98
31) Cyclohexane	5.477	56	47707	19.000	ug/l	94
32) 1,1,1-Trichloroethane	5.385	97	48997	19.855	ug/l	99
36) 1,1-Dichloropropene	5.696	75	41380	19.250	ug/l	99
37) Ethyl Acetate	4.708	43	56679	21.342	ug/l	98
38) Carbon Tetrachloride	5.678	117	39095	19.057	ug/l	99
39) Methylcyclohexane	7.379	83	47607	18.437	ug/l	94
40) Benzene	6.037	78	124454	20.467	ug/l	99

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41) Methacrylonitrile	4.922	41	30345	21.415	ug/l	96
42) 1,2-Dichloroethane	6.086	62	48924	19.876	ug/l	100
43) Isopropyl Acetate	6.336	43	91479	21.182	ug/l	99
44) Trichloroethene	7.129	130	28844	18.797	ug/l	95
45) 1,2-Dichloropropane	7.427	63	34997	21.445	ug/l	100
46) Dibromomethane	7.580	93	22688	19.777	ug/l	97
47) Bromodichloromethane	7.824	83	43476	19.821	ug/l	95
48) Methyl methacrylate	7.690	41	53214	21.077	ug/l	95
49) 1,4-Dioxane	7.659	88	13909	408.693	ug/l #	97
51) 4-Methyl-2-Pentanone	8.567	43	304845	110.787	ug/l	99
52) Toluene	8.720	92	75831	20.661	ug/l	94
53) t-1,3-Dichloropropene	8.976	75	46859	19.404	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	50782	19.544	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	32354	21.116	ug/l	94
56) Ethyl methacrylate	9.116	69	40177	21.479	ug/l	95
57) 1,3-Dichloropropane	9.305	76	56477	21.321	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	127952	116.497	ug/l	94
59) 2-Hexanone	9.427	43	239315	100.774	ug/l	99
60) Dibromochloromethane	9.518	129	30239	19.514	ug/l	99
61) 1,2-Dibromoethane	9.610	107	34112	20.855	ug/l	99
64) Tetrachloroethene	9.269	164	22122	18.740	ug/l	94
65) Chlorobenzene	10.079	112	78228	19.839	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	28650	20.570	ug/l	97
67) Ethyl Benzene	10.195	91	147218	20.058	ug/l	97
68) m/p-Xylenes	10.299	106	104940	39.876	ug/l	94
69) o-Xylene	10.640	106	52729	20.723	ug/l	96
70) Styrene	10.652	104	76331	20.520	ug/l	97
71) Bromoform	10.799	173	19762	19.089	ug/l #	99
73) Isopropylbenzene	10.963	105	137502	20.567	ug/l	99
74) N-amyl acetate	10.841	43	75544	22.333	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	55013	22.119	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	47176m	21.043	ug/l	
77) Bromobenzene	11.195	156	31164	21.079	ug/l	94
78) n-propylbenzene	11.305	91	164854	20.013	ug/l	97
79) 2-Chlorotoluene	11.366	91	100997	20.270	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	118634	20.830	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	14413	18.136	ug/l	99
82) 4-Chlorotoluene	11.451	91	117002	19.993	ug/l	98
83) tert-Butylbenzene	11.713	119	112493	20.754	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	118407	20.273	ug/l	99
85) sec-Butylbenzene	11.890	105	139263	20.191	ug/l	99
86) p-Isopropyltoluene	12.006	119	115996	20.039	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	57666	19.854	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	57284	18.942	ug/l	97
89) n-Butylbenzene	12.329	91	112588	19.786	ug/l	96
90) Hexachloroethane	12.536	117	19686	18.827	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	57821	20.806	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	13795	21.058	ug/l	94
93) 1,2,4-Trichlorobenzene	13.585	180	36153	19.867	ug/l	97
94) Hexachlorobutadiene	13.725	225	14050	20.488	ug/l	98
95) Naphthalene	13.774	128	142928	22.553	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	36430	20.737	ug/l	99

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

