

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080724\
 Data File : VX042887.D
 Acq On : 06 Aug 2024 23:46
 Operator : JC/MD
 Sample : VX0807MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0807MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/07/2024
 Supervised By : Mahesh Dadoda 08/08/2024

Quant Time: Aug 07 06:26:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X080724W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 07 02:55:22 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	255186	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	433694	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	380076	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	176204	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	177384	50.635	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.260%			
35) Dibromofluoromethane	5.385	113	140503	49.548	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.100%			
50) Toluene-d8	8.647	98	499607	49.629	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.260%			
62) 4-Bromofluorobenzene	11.079	95	177121	48.963	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 97.920%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	54680	19.879	ug/l	96
3) Chloromethane	1.300	50	56867	18.975	ug/l	97
4) Vinyl Chloride	1.374	62	54575	19.193	ug/l	100
5) Bromomethane	1.599	94	33058	19.209	ug/l	100
6) Chloroethane	1.666	64	30659	18.926	ug/l	96
7) Trichlorofluoromethane	1.874	101	83393	18.858	ug/l	98
8) Diethyl Ether	2.136	74	30730	18.893	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.319	101	52362	18.833	ug/l	93
10) Methyl Iodide	2.447	142	54246	18.869	ug/l	96
11) Tert butyl alcohol	2.995	59	67799	97.299	ug/l #	90
12) 1,1-Dichloroethene	2.306	96	52001	18.488	ug/l	89
13) Acrolein	2.239	56	71748	104.461	ug/l	97
14) Allyl chloride	2.660	41	82943	19.516	ug/l	94
15) Acrylonitrile	3.068	53	166942	93.867	ug/l	98
16) Acetone	2.392	43	140090	92.196	ug/l #	87
17) Carbon Disulfide	2.501	76	124457	18.183	ug/l	100
18) Methyl Acetate	2.709	43	87402	18.139	ug/l	98
19) Methyl tert-butyl Ether	3.123	73	176443	18.638	ug/l	97
20) Methylene Chloride	2.788	84	60813	18.641	ug/l	92
21) trans-1,2-Dichloroethene	3.087	96	52376	18.509	ug/l	98
22) Diisopropyl ether	3.763	45	181457	19.435	ug/l	92
23) Vinyl Acetate	3.727	43	1031353	97.329	ug/l	97
24) 1,1-Dichloroethane	3.611	63	102722	19.130	ug/l	98
25) 2-Butanone	4.568	43	229449	96.156	ug/l	97
26) 2,2-Dichloropropane	4.471	77	49805	15.087	ug/l	91
27) cis-1,2-Dichloroethene	4.489	96	65069	19.389	ug/l	87
28) Bromochloromethane	4.897	49	37754	18.324	ug/l	89
29) Tetrahydrofuran	5.013	42	150521	93.349	ug/l	95
30) Chloroform	5.092	83	108000	19.212	ug/l	99
31) Cyclohexane	5.464	56	83469	19.042	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	93510	18.896	ug/l	97
36) 1,1-Dichloropropene	5.690	75	67699	17.609	ug/l	95
37) Ethyl Acetate	4.727	43	90302	18.772	ug/l	98
38) Carbon Tetrachloride	5.672	117	78321	18.046	ug/l	97
39) Methylcyclohexane	7.379	83	84927	18.582	ug/l	100
40) Benzene	6.037	78	224736	18.834	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	47344	19.109	ug/l	93
42) 1,2-Dichloroethane	6.086	62	82219	18.944	ug/l	99
43) Isopropyl Acetate	6.348	43	132922	18.684	ug/l	97
44) Trichloroethene	7.123	130	54839	18.291	ug/l	94
45) 1,2-Dichloropropane	7.434	63	54784	18.099	ug/l	96
46) Dibromomethane	7.586	93	40937	18.415	ug/l	91
47) Bromodichloromethane	7.824	83	76148	18.439	ug/l	98
48) Methyl methacrylate	7.696	41	63413	18.590	ug/l	91
49) 1,4-Dioxane	7.671	88	24107	318.352	ug/l #	97
51) 4-Methyl-2-Pentanone	8.574	43	462941	97.149	ug/l	99
52) Toluene	8.720	92	140421	19.401	ug/l	96
53) t-1,3-Dichloropropene	8.982	75	68363	17.908	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	77457	18.372	ug/l	90
55) 1,1,2-Trichloroethane	9.153	97	57049	19.389	ug/l	98
56) Ethyl methacrylate	9.116	69	87588	18.499	ug/l	93
57) 1,3-Dichloropropane	9.311	76	92251	19.139	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	223200	100.019	ug/l	100
59) 2-Hexanone	9.433	43	348539	94.392	ug/l	97
60) Dibromochloromethane	9.518	129	58915	18.227	ug/l	97
61) 1,2-Dibromoethane	9.610	107	59171	19.034	ug/l	98
64) Tetrachloroethene	9.275	164	52444	19.845	ug/l	93
65) Chlorobenzene	10.079	112	151907	18.834	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	53199	19.129	ug/l	100
67) Ethyl Benzene	10.195	91	260972	19.236	ug/l	99
68) m/p-Xylenes	10.299	106	198318	38.291	ug/l	99
69) o-Xylene	10.640	106	99399	19.159	ug/l	98
70) Styrene	10.652	104	162803	19.514	ug/l	97
71) Bromoform	10.799	173	41498	18.584	ug/l #	100
73) Isopropylbenzene	10.963	105	252325	19.807	ug/l	100
74) N-amyl acetate	10.841	43	112595	19.643	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	87939	18.843	ug/l	97
76) 1,2,3-Trichloropropane	11.238	75	79689m	20.109	ug/l	
77) Bromobenzene	11.201	156	62730	19.357	ug/l	89
78) n-propylbenzene	11.305	91	280649	19.833	ug/l	100
79) 2-Chlorotoluene	11.366	91	178337	19.663	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	210842	19.988	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	20671	16.961	ug/l	95
82) 4-Chlorotoluene	11.457	91	196365	19.262	ug/l	97
83) tert-Butylbenzene	11.713	119	210386	19.408	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	213099	20.067	ug/l	99
85) sec-Butylbenzene	11.890	105	257426	20.167	ug/l	100
86) p-Isopropyltoluene	12.006	119	211234	19.918	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	111575	19.025	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	110723	18.419	ug/l	97
89) n-Butylbenzene	12.335	91	169918	18.572	ug/l	97
90) Hexachloroethane	12.536	117	36554	18.843	ug/l	88
91) 1,2-Dichlorobenzene	12.335	146	113790	19.376	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	18861	18.393	ug/l	85
93) 1,2,4-Trichlorobenzene	13.585	180	65267	18.219	ug/l	95
94) Hexachlorobutadiene	13.725	225	29582	19.471	ug/l	97
95) Naphthalene	13.774	128	236274	19.060	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	69624	19.308	ug/l	98

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

