

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080124\
 Data File : VX042787.D
 Acq On : 01 Aug 2024 10:17
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/01/2024
 Supervised By : Semsettin Yesilyurt 08/03/2024

Quant Time: Aug 01 16:15:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X080124W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 01 16:14:44 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	93313	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	168480	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	151589	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	66606	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	7605	5.073	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	10.140%#		
35) Dibromofluoromethane	5.397	113	5744	4.935	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	9.880%#		
50) Toluene-d8	8.653	98	20314	4.809	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	9.620%#		
62) 4-Bromofluorobenzene	11.079	95	6481	4.198	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	8.400%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	6684	4.520	ug/l	92
3) Chloromethane	1.300	50	5795	4.773	ug/l	96
4) Vinyl Chloride	1.374	62	5494	4.747	ug/l	97
5) Bromomethane	1.599	94	1899	4.762	ug/l	98
6) Chloroethane	1.666	64	2009	4.808	ug/l #	85
7) Trichlorofluoromethane	1.873	101	7854	5.056	ug/l	98
8) Diethyl Ether	2.142	74	3059	5.168	ug/l	76
9) 1,1,2-Trichlorotrifluo...	2.318	101	5903	5.038	ug/l	95
10) Methyl Iodide	2.446	142	4370	3.897	ug/l #	94
11) Tert butyl alcohol	2.989	59	10542m	32.950	ug/l	
12) 1,1-Dichloroethene	2.312	96	5688	5.008	ug/l	81
13) Acrolein	2.239	56	7544	25.601	ug/l	99
14) Allyl chloride	2.660	41	7686	5.264	ug/l #	90
15) Acrylonitrile	3.074	53	15510	25.188	ug/l	100
16) Acetone	2.392	43	14251	26.179	ug/l	93
17) Carbon Disulfide	2.501	76	10943	4.271	ug/l #	95
18) Methyl Acetate	2.709	43	6657	4.873	ug/l #	90
19) Methyl tert-butyl Ether	3.123	73	18157	4.822	ug/l	95
20) Methylene Chloride	2.788	84	7296	5.098	ug/l	83
21) trans-1,2-Dichloroethene	3.093	96	5828	4.973	ug/l	88
22) Diisopropyl ether	3.763	45	15837	5.060	ug/l #	85
23) Vinyl Acetate	3.727	43	66557	24.459	ug/l	95
24) 1,1-Dichloroethane	3.611	63	10399	5.114	ug/l	97
25) 2-Butanone	4.574	43	19614	24.523	ug/l	93
26) 2,2-Dichloropropane	4.471	77	8405	4.830	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	6731	4.914	ug/l	88
28) Bromochloromethane	4.903	49	4482	6.149	ug/l #	85
29) Tetrahydrofuran	5.025	42	12984	26.062	ug/l #	88
30) Chloroform	5.098	83	11529	5.099	ug/l #	82
31) Cyclohexane	5.464	56	7938	4.806	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	9689	4.825	ug/l	95
36) 1,1-Dichloropropene	5.696	75	7194	4.766	ug/l	98
37) Ethyl Acetate	4.733	43	6709	4.354	ug/l #	91
38) Carbon Tetrachloride	5.678	117	7973	4.584	ug/l	97
39) Methylcyclohexane	7.379	83	8708	4.604	ug/l	84
40) Benzene	6.037	78	23538	4.970	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	4035	4.952	ug/l #	83
42) 1,2-Dichloroethane	6.086	62	8472	4.953	ug/l	98
43) Isopropyl Acetate	6.354	43	11415	4.737	ug/l	94
44) Trichloroethene	7.135	130	5718	4.612	ug/l	85
45) 1,2-Dichloropropane	7.427	63	5436	5.119	ug/l	93
46) Dibromomethane	7.592	93	4522	5.000	ug/l	97
47) Bromodichloromethane	7.824	83	7631	4.627	ug/l	91
48) Methyl methacrylate	7.708	41	5331	4.499	ug/l #	86
49) 1,4-Dioxane	7.677	88	2291	105.470	ug/l #	94
51) 4-Methyl-2-Pentanone	8.580	43	39506	24.752	ug/l	97
52) Toluene	8.720	92	14762	4.804	ug/l	94
53) t-1,3-Dichloropropene	8.982	75	6867	4.203	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	7877	4.538	ug/l	89
55) 1,1,2-Trichloroethane	9.153	97	6478	5.212	ug/l	92
56) Ethyl methacrylate	9.122	69	7747	4.304	ug/l	94
57) 1,3-Dichloropropane	9.311	76	9526	4.857	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.244	63	19244	23.214	ug/l	94
59) 2-Hexanone	9.433	43	29888	24.147	ug/l	94
60) Dibromochloromethane	9.524	129	5293	4.205	ug/l	100
61) 1,2-Dibromoethane	9.616	107	6137	4.977	ug/l	97
64) Tetrachloroethene	9.275	164	5169	5.033	ug/l	96
65) Chlorobenzene	10.079	112	17084	5.104	ug/l	92
66) 1,1,1,2-Tetrachloroethane	10.165	131	5085	4.547	ug/l	96
67) Ethyl Benzene	10.195	91	26805	4.763	ug/l	94
68) m/p-Xylenes	10.299	106	19657	9.143	ug/l	96
69) o-Xylene	10.640	106	10119	4.760	ug/l	100
70) Styrene	10.658	104	15942	4.438	ug/l	96
71) Bromoform	10.799	173	3529	4.224	ug/l #	95
73) Isopropylbenzene	10.963	105	24375	4.783	ug/l	98
74) N-amyl acetate	10.847	43	9072	4.631	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.213	83	9085	5.166	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	8064m	5.192	ug/l	
77) Bromobenzene	11.201	156	6173	4.891	ug/l	95
78) n-propylbenzene	11.305	91	26064	4.587	ug/l	98
79) 2-Chlorotoluene	11.366	91	17997	4.866	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	20562	4.709	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	2033	3.954	ug/l	97
82) 4-Chlorotoluene	11.457	91	19794	4.717	ug/l	96
83) tert-Butylbenzene	11.713	119	20434	4.696	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	20289	4.654	ug/l	98
85) sec-Butylbenzene	11.890	105	25547	4.795	ug/l	99
86) p-Isopropyltoluene	12.012	119	19754	4.398	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	11093	4.712	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	11156	4.711	ug/l	94
89) n-Butylbenzene	12.335	91	15804	4.300	ug/l	96
90) Hexachloroethane	12.536	117	3516	4.419	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	11747	5.045	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	1743	4.454	ug/l	91
93) 1,2,4-Trichlorobenzene	13.585	180	5373	4.020	ug/l	97
94) Hexachlorobutadiene	13.725	225	2581	4.446	ug/l	93
95) Naphthalene	13.774	128	21029	4.123	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	5779	4.206	ug/l	94

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

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