

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX043024\
 Data File : VX041288.D
 Acq On : 30 Apr 2024 09:05
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/01/2024
 Supervised By : Semsettin Yesilyurt 05/01/2024

Quant Time: May 01 02:24:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 01 02:16:22 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	226393	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	323546	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	255997	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	135028	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	13413	5.442	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	10.880%	#	
35) Dibromofluoromethane	5.385	113	10733	4.895	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	9.800%	#	
50) Toluene-d8	8.647	98	30780	4.435	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	8.880%	#	
62) 4-Bromofluorobenzene	11.079	95	11814	4.398	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	8.800%	#	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	8113	4.361	ug/l	99
3) Chloromethane	1.301	50	9384	4.875	ug/l	97
4) Vinyl Chloride	1.374	62	8815	4.804	ug/l	98
5) Bromomethane	1.599	94	4940	4.294	ug/l	88
6) Chloroethane	1.666	64	4311	5.060	ug/l	93
7) Trichlorofluoromethane	1.867	101	15432	4.877	ug/l	98
8) Diethyl Ether	2.136	74	5300	4.752	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.319	101	8161	4.589	ug/l	# 86
10) Methyl Iodide	2.441	142	7031	3.673	ug/l	89
11) Tert butyl alcohol	3.020	59	10392m	21.066	ug/l	
12) 1,1-Dichloroethene	2.313	96	7978	4.548	ug/l	# 79
13) Acrolein	2.239	56	9649	24.656	ug/l	99
14) Allyl chloride	2.660	41	14792	5.019	ug/l	98
15) Acrylonitrile	3.075	53	27732	24.632	ug/l	99
16) Acetone	2.392	43	27584	21.846	ug/l	98
17) Carbon Disulfide	2.502	76	17161	4.161	ug/l	98
18) Methyl Acetate	2.709	43	12754	5.058	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	31982	5.001	ug/l	99
20) Methylene Chloride	2.788	84	11033	5.157	ug/l	89
21) trans-1,2-Dichloroethene	3.087	96	9287	4.737	ug/l	87
22) Diisopropyl ether	3.770	45	31488	5.041	ug/l	95
23) Vinyl Acetate	3.727	43	135077	24.174	ug/l	97
24) 1,1-Dichloroethane	3.605	63	17167	4.865	ug/l	97
25) 2-Butanone	4.574	43	38598	24.197	ug/l	100
26) 2,2-Dichloropropane	4.471	77	13634	4.621	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	11014	4.745	ug/l	89
28) Bromochloromethane	4.897	49	7482	5.941	ug/l	# 74
29) Tetrahydrofuran	5.013	42	25618	24.557	ug/l	97
30) Chloroform	5.093	83	17985	4.899	ug/l	94
31) Cyclohexane	5.458	56	14689	4.938	ug/l	96
32) 1,1,1-Trichloroethane	5.379	97	16118	4.825	ug/l	97
36) 1,1-Dichloropropene	5.690	75	11955	4.560	ug/l	96
37) Ethyl Acetate	4.733	43	14683	4.488	ug/l	98
38) Carbon Tetrachloride	5.678	117	13263	4.416	ug/l	100
39) Methylcyclohexane	7.379	83	13617	4.421	ug/l	91
40) Benzene	6.037	78	39443	4.880	ug/l	96

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Quant Time: May 01 02:24:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 01 02:16:22 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.940	41	7525	4.469	ug/l	94
42) 1,2-Dichloroethane	6.086	62	14576	4.921	ug/l	97
43) Isopropyl Acetate	6.348	43	22447	4.564	ug/l	97
44) Trichloroethene	7.129	130	10781	5.052	ug/l	87
45) 1,2-Dichloropropane	7.434	63	8377	4.639	ug/l	92
46) Dibromomethane	7.586	93	6583	4.579	ug/l #	78
47) Bromodichloromethane	7.824	83	10220	3.990	ug/l	95
48) Methyl methacrylate	7.702	41	9825	4.358	ug/l	95
49) 1,4-Dioxane	7.671	88	4940m	106.285	ug/l	
51) 4-Methyl-2-Pentanone	8.574	43	65007	22.026	ug/l	100
52) Toluene	8.720	92	22082	4.466	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	10474	4.127	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	10696	3.798	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	9030	4.743	ug/l	98
56) Ethyl methacrylate	9.116	69	12506	4.244	ug/l	95
57) 1,3-Dichloropropane	9.311	76	15244	4.797	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	31133	21.789	ug/l	93
59) 2-Hexanone	9.433	43	52635	22.303	ug/l	100
60) Dibromochloromethane	9.525	129	9264	4.133	ug/l	98
61) 1,2-Dibromoethane	9.610	107	9296	4.438	ug/l	97
64) Tetrachloroethene	9.275	164	9795	5.284	ug/l	90
65) Chlorobenzene	10.079	112	26137	5.029	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	8915	4.855	ug/l	98
67) Ethyl Benzene	10.195	91	41976	4.896	ug/l	99
68) m/p-Xylenes	10.299	106	33639	9.797	ug/l	94
69) o-Xylene	10.640	106	15729	4.784	ug/l	97
70) Styrene	10.659	104	24093	4.466	ug/l	97
71) Bromoform	10.799	173	7147	4.349	ug/l #	99
73) Isopropylbenzene	10.963	105	42861	5.200	ug/l	96
74) N-amyl acetate	10.848	43	17316	4.809	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	14212	5.262	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	12101m	5.397	ug/l	
77) Bromobenzene	11.201	156	12323	5.297	ug/l	79
78) n-propylbenzene	11.305	91	45828	5.294	ug/l	98
79) 2-Chlorotoluene	11.366	91	30380	5.446	ug/l	92
80) 1,3,5-Trimethylbenzene	11.451	105	34162	5.084	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	2951	3.653	ug/l #	83
82) 4-Chlorotoluene	11.457	91	32830	5.184	ug/l	96
83) tert-Butylbenzene	11.713	119	35979	5.000	ug/l	94
84) 1,2,4-Trimethylbenzene	11.750	105	34355	5.082	ug/l	94
85) sec-Butylbenzene	11.890	105	41262	5.004	ug/l	97
86) p-Isopropyltoluene	12.006	119	35912	4.849	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	20012	4.733	ug/l	95
88) 1,4-Dichlorobenzene	12.043	146	21338	4.898	ug/l	96
89) n-Butylbenzene	12.329	91	28127	4.723	ug/l	97
90) Hexachloroethane	12.536	117	5715	4.615	ug/l	63
91) 1,2-Dichlorobenzene	12.335	146	22985	5.146	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	2850	4.567	ug/l	67
93) 1,2,4-Trichlorobenzene	13.591	180	13593	4.354	ug/l	95
94) Hexachlorobutadiene	13.725	225	7678	4.925	ug/l	96
95) Naphthalene	13.774	128	42287	4.571	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	15711	4.924	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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