

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040124\
 Data File : VX040847.D
 Acq On : 01 Apr 2024 15:09
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Apr 02 05:27:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040124W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 02 05:19:09 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 04/02/2024
 Supervised By :Mahesh Dadoda 04/02/2024

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	50809	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	84552	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	78934	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	44906	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	133026	145.917	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 291.840%#			
35) Dibromofluoromethane	5.385	113	91913	153.475	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 306.940%#			
50) Toluene-d8	8.647	98	329491	152.257	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 304.520%#			
62) 4-Bromofluorobenzene	11.079	95	139824	161.796	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 323.600%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	104375	151.557	ug/l	98
3) Chloromethane	1.301	50	94107	158.177	ug/l	98
4) Vinyl Chloride	1.374	62	91296	148.657	ug/l	100
5) Bromomethane	1.599	94	48600	128.633	ug/l	99
6) Chloroethane	1.666	64	57899	146.253	ug/l	97
7) Trichlorofluoromethane	1.880	101	173664	147.723	ug/l	99
8) Diethyl Ether	2.136	74	56319	148.246	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.325	101	86710	143.071	ug/l	99
10) Methyl Iodide	2.447	142	101839	138.521	ug/l	99
11) Tert butyl alcohol	2.983	59	129408	777.500	ug/l	# 90
12) 1,1-Dichloroethene	2.313	96	81597	143.549	ug/l	95
13) Acrolein	2.239	56	74231	817.027	ug/l	99
14) Allyl chloride	2.660	41	156662	153.852	ug/l	91
15) Acrylonitrile	3.069	53	261658	745.231	ug/l	97
16) Acetone	2.386	43	243899	689.005	ug/l	97
17) Carbon Disulfide	2.508	76	233712	142.127	ug/l	99
18) Methyl Acetate	2.703	43	124937	148.767	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	298489	149.183	ug/l	99
20) Methylene Chloride	2.788	84	90485	137.933	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	84892	141.397	ug/l	97
22) Diisopropyl ether	3.764	45	306655	154.748	ug/l	90
23) Vinyl Acetate	3.721	43	1480380	779.431	ug/l	99
24) 1,1-Dichloroethane	3.611	63	167461	147.914	ug/l	99
25) 2-Butanone	4.556	43	393476	748.274	ug/l	100
26) 2,2-Dichloropropane	4.477	77	152730	157.130	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	101913	146.998	ug/l	98
28) Bromochloromethane	4.904	49	71434	140.326	ug/l	99
29) Tetrahydrofuran	5.007	42	259800	760.129	ug/l	99
30) Chloroform	5.099	83	182069	147.749	ug/l	95
31) Cyclohexane	5.471	56	143606	148.444	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	169922	155.174	ug/l	99
36) 1,1-Dichloropropene	5.696	75	126698	148.891	ug/l	99
37) Ethyl Acetate	4.715	43	157271	150.511	ug/l	98
38) Carbon Tetrachloride	5.678	117	145818	154.791	ug/l	99
39) Methylcyclohexane	7.379	83	150070	147.599	ug/l	99
40) Benzene	6.038	78	353548	149.695	ug/l	100

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41) Methacrylonitrile	4.922	41	86461	161.119	ug/l	98
42) 1,2-Dichloroethane	6.086	62	154270	150.391	ug/l	97
43) Isopropyl Acetate	6.342	43	258187	159.997	ug/l	97
44) Trichloroethene	7.123	130	89577	151.859	ug/l	94
45) 1,2-Dichloropropane	7.428	63	88021	156.118	ug/l	100
46) Dibromomethane	7.580	93	71807	155.387	ug/l	99
47) Bromodichloromethane	7.818	83	148894	154.858	ug/l	99
48) Methyl methacrylate	7.690	41	130075	164.608	ug/l	96
49) 1,4-Dioxane	7.665	88	49035	3251.781	ug/l #	97
51) 4-Methyl-2-Pentanone	8.580	43	853731	797.594	ug/l	97
52) Toluene	8.720	92	225559	151.356	ug/l	94
53) t-1,3-Dichloropropene	8.976	75	156287	149.827	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	155768	163.388	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	89912	154.601	ug/l	93
56) Ethyl methacrylate	9.116	69	166692	166.917	ug/l	93
57) 1,3-Dichloropropane	9.311	76	153775	151.185	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.245	63	382110	789.270	ug/l	96
59) 2-Hexanone	9.433	43	701301	816.939	ug/l	96
60) Dibromochloromethane	9.519	129	113476	163.445	ug/l	100
61) 1,2-Dibromoethane	9.610	107	97479	155.356	ug/l	99
64) Tetrachloroethene	9.275	164	78401	150.092	ug/l	98
65) Chlorobenzene	10.080	112	256948	148.843	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	90791	158.447	ug/l	99
67) Ethyl Benzene	10.195	91	465981	151.362	ug/l	97
68) m/p-Xylenes	10.299	106	341160	304.571	ug/l	91
69) o-Xylene	10.640	106	165172	156.522	ug/l	90
70) Styrene	10.653	104	298095	163.015	ug/l	97
71) Bromoform	10.799	173	83853	149.979	ug/l #	99
73) Isopropylbenzene	10.964	105	447268	142.608	ug/l	100
74) N-amyl acetate	10.842	43	255953	161.121	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	159057	148.317	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	135970m	141.994	ug/l	
77) Bromobenzene	11.195	156	107946	146.719	ug/l	98
78) n-propylbenzene	11.305	91	563060	143.649	ug/l	98
79) 2-Chlorotoluene	11.366	91	338259	144.604	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	400713	149.592	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	59686	168.169	ug/l	97
82) 4-Chlorotoluene	11.451	91	410236	146.890	ug/l	98
83) tert-Butylbenzene	11.713	119	392621	147.745	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	404094	149.748	ug/l	100
85) sec-Butylbenzene	11.890	105	495592	146.841	ug/l	100
86) p-Isopropyltoluene	12.006	119	428117	151.237	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	214206	144.038	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	218898	138.721	ug/l	100
89) n-Butylbenzene	12.329	91	429528	153.589	ug/l	96
90) Hexachloroethane	12.536	117	79882	161.992	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	209642	143.843	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	44800	162.575	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	145060	143.571	ug/l	98
94) Hexachlorobutadiene	13.725	225	55090	142.332	ug/l	99
95) Naphthalene	13.774	128	496087	152.488	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	141213	146.501	ug/l	98

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

