

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071624\
 Data File : VX042343.D
 Acq On : 16 Jul 2024 15:16
 Operator : JC/MD
 Sample : VX0716WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0716WBSD01

Quant Time: Jul 17 05:37:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 23:51:58 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John
 Carlone

07/17/2024
 Supervised By :Mahesh
 Dadoda

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	165508	50.000	ug/l	# 0.01
34) 1,4-Difluorobenzene	6.769	114	228524	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	219092	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	133319	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.964	65	86735	45.446	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	90.900%
35) Dibromofluoromethane	5.397	113	85416	52.677	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.360%
50) Toluene-d8	8.653	98	284392	49.925	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.840%
62) 4-Bromofluorobenzene	11.085	95	118173	56.277	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	112.560%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.172	85	23382	18.544	ug/l	97
3) Chloromethane	1.312	50	20982	13.264	ug/l	100
4) Vinyl Chloride	1.373	62	22792	14.374	ug/l	99
5) Bromomethane	1.605	94	14748	18.835	ug/l	96
6) Chloroethane	1.684	64	15383	21.587	ug/l	100
7) Trichlorofluoromethane	1.892	101	39130	18.835	ug/l	100
8) Diethyl Ether	2.142	74	14616	14.988	ug/l	86
9) 1,1,2-Trichlorotrifluo...	2.331	101	24057	16.810	ug/l	# 84
10) Methyl Iodide	2.452	142	23010	12.936	ug/l	88
11) Tert butyl alcohol	2.983	59	34304	94.709	ug/l	# 93
12) 1,1-Dichloroethene	2.318	96	21413	15.000	ug/l	85
13) Acrolein	2.245	56	20160	49.653	ug/l	97
14) Allyl chloride	2.666	41	36717	16.218	ug/l	87
15) Acrylonitrile	3.074	53	84290	89.094	ug/l	98
16) Acetone	2.392	43	70271	83.852	ug/l	90
17) Carbon Disulfide	2.513	76	47431	16.296	ug/l	99
18) Methyl Acetate	2.715	43	39653	17.345	ug/l	92
19) Methyl tert-butyl Ether	3.129	73	81516	17.285	ug/l	99
20) Methylene Chloride	2.794	84	29130	15.875	ug/l	88
21) trans-1,2-Dichloroethene	3.093	96	24934	17.210	ug/l	86
22) Diisopropyl ether	3.775	45	80214	16.762	ug/l	# 91
23) Vinyl Acetate	3.733	43	346106	84.688	ug/l	# 95
24) 1,1-Dichloroethane	3.617	63	45905	17.130	ug/l	98
25) 2-Butanone	4.574	43	117541	90.155	ug/l	92
26) 2,2-Dichloropropane	4.483	77	36719	18.921	ug/l	91
27) cis-1,2-Dichloroethene	4.501	96	32088	17.684	ug/l	85
28) Bromochloromethane	4.915	49	17724	15.441	ug/l	# 68
29) Tetrahydrofuran	5.025	42	73201	86.935	ug/l	91
30) Chloroform	5.098	83	49574	17.756	ug/l	96
31) Cyclohexane	5.476	56	36157	16.200	ug/l	88
32) 1,1,1-Trichloroethane	5.391	97	42240	18.106	ug/l	95
36) 1,1-Dichloropropene	5.702	75	32211	18.707	ug/l	95
37) Ethyl Acetate	4.733	43	40631	18.115	ug/l	96
38) Carbon Tetrachloride	5.690	117	37381	19.649	ug/l	99
39) Methylcyclohexane	7.385	83	40433	18.568	ug/l	90
40) Benzene	6.049	78	106508	18.340	ug/l	99

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41) Methacrylonitrile	4.934	41	22770	18.727	ug/l	90
42) 1,2-Dichloroethane	6.098	62	34680	18.540	ug/l	90
43) Isopropyl Acetate	6.360	43	60968	17.708	ug/l #	92
44) Trichloroethene	7.135	130	30535	19.616	ug/l	88
45) 1,2-Dichloropropane	7.439	63	25680	17.984	ug/l	97
46) Dibromomethane	7.586	93	19442	18.687	ug/l #	73
47) Bromodichloromethane	7.830	83	36498	19.107	ug/l	94
48) Methyl methacrylate	7.702	41	29180	17.759	ug/l #	83
49) 1,4-Dioxane	7.671	88	15330	365.507	ug/l #	81
51) 4-Methyl-2-Pentanone	8.579	43	219023	92.352	ug/l	95
52) Toluene	8.720	92	69613	18.825	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	35122	18.250	ug/l	97
54) cis-1,3-Dichloropropene	8.372	75	39439	18.859	ug/l #	85
55) 1,1,2-Trichloroethane	9.159	97	29301	19.020	ug/l	99
56) Ethyl methacrylate	9.122	69	42378	17.682	ug/l #	87
57) 1,3-Dichloropropane	9.311	76	46350	18.623	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	108615	97.252	ug/l	91
59) 2-Hexanone	9.433	43	169472	93.299	ug/l	91
60) Dibromochloromethane	9.524	129	32975	19.706	ug/l	98
61) 1,2-Dibromoethane	9.616	107	30627	19.170	ug/l	98
64) Tetrachloroethene	9.274	164	30118	18.881	ug/l	93
65) Chlorobenzene	10.079	112	83744	18.379	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	29703	18.619	ug/l	98
67) Ethyl Benzene	10.195	91	131371	18.397	ug/l	97
68) m/p-Xylenes	10.305	106	106811	37.054	ug/l	91
69) o-Xylene	10.646	106	51140	17.919	ug/l	92
70) Styrene	10.658	104	89103	18.619	ug/l	94
71) Bromoform	10.805	173	26417	18.205	ug/l #	100
73) Isopropylbenzene	10.963	105	136393	16.825	ug/l	96
74) N-amyl acetate	10.847	43	51537	14.313	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	46118	15.300	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	39267m	16.224	ug/l	
77) Bromobenzene	11.201	156	39524	16.371	ug/l	77
78) n-propylbenzene	11.305	91	149155	16.958	ug/l	95
79) 2-Chlorotoluene	11.366	91	92248	16.278	ug/l	91
80) 1,3,5-Trimethylbenzene	11.451	105	114317	16.931	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	12694	14.895	ug/l	89
82) 4-Chlorotoluene	11.457	91	106408	16.986	ug/l	91
83) tert-Butylbenzene	11.719	119	121582	16.411	ug/l	89
84) 1,2,4-Trimethylbenzene	11.756	105	115242	17.012	ug/l	93
85) sec-Butylbenzene	11.890	105	145274	17.336	ug/l	96
86) p-Isopropyltoluene	12.012	119	129105	17.637	ug/l	94
87) 1,3-Dichlorobenzene	11.969	146	72786	17.152	ug/l	94
88) 1,4-Dichlorobenzene	12.042	146	73452	16.870	ug/l	96
89) n-Butylbenzene	12.335	91	103356	18.342	ug/l	96
90) Hexachloroethane	12.542	117	19998	16.046	ug/l #	56
91) 1,2-Dichlorobenzene	12.335	146	71776	16.529	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	12.945	75	9589	16.053	ug/l #	41
93) 1,2,4-Trichlorobenzene	13.591	180	52144	18.331	ug/l	95
94) Hexachlorobutadiene	13.725	225	26419	18.367	ug/l	99
95) Naphthalene	13.780	128	151943	16.406	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	53369	17.789	ug/l	96

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

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