

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX043024\
 Data File : VX041297.D
 Acq On : 30 Apr 2024 14:22
 Operator : JC/MD
 Sample : VX0430WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0430WBSD01

Manual Integrations
 APPROVED

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

Quant Time: May 01 02:45:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 01 02:38:17 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	201796	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	283683	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	210134	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	116903	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	113610	51.715	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	103.440%		
35) Dibromofluoromethane	5.379	113	93616	48.697	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.400%		
50) Toluene-d8	8.647	98	264942	43.542	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	87.080%#		
62) 4-Bromofluorobenzene	11.079	95	99304	42.160	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	84.320%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	37233	22.454	ug/l	97
3) Chloromethane	1.294	50	36292	21.151	ug/l	98
4) Vinyl Chloride	1.374	62	34873	21.320	ug/l	96
5) Bromomethane	1.599	94	18200	17.749	ug/l	98
6) Chloroethane	1.666	64	14641	19.278	ug/l	99
7) Trichlorofluoromethane	1.867	101	56018	19.861	ug/l	99
8) Diethyl Ether	2.136	74	20433	20.554	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.313	101	34383	21.690	ug/l	# 86
10) Methyl Iodide	2.441	142	29370	17.214	ug/l	91
11) Tert butyl alcohol	3.014	59	39678m	90.239	ug/l	
12) 1,1-Dichloroethene	2.306	96	32457	20.756	ug/l	86
13) Acrolein	2.239	56	35142	100.744	ug/l	98
14) Allyl chloride	2.654	41	54568	20.770	ug/l	97
15) Acrylonitrile	3.068	53	100450	100.097	ug/l	99
16) Acetone	2.392	43	98947	99.933	ug/l	96
17) Carbon Disulfide	2.502	76	74382	20.235	ug/l	98
18) Methyl Acetate	2.709	43	46057	20.492	ug/l	95
19) Methyl tert-butyl Ether	3.117	73	116713	20.474	ug/l	97
20) Methylene Chloride	2.788	84	39222	20.566	ug/l	91
21) trans-1,2-Dichloroethene	3.087	96	33702	19.285	ug/l	91
22) Diisopropyl ether	3.763	45	113285	20.346	ug/l	94
23) Vinyl Acetate	3.721	43	531492	106.710	ug/l	97
24) 1,1-Dichloroethane	3.605	63	61404	19.521	ug/l	99
25) 2-Butanone	4.568	43	149729	105.306	ug/l	96
26) 2,2-Dichloropropane	4.465	77	49683	18.891	ug/l	95
27) cis-1,2-Dichloroethene	4.483	96	42003	20.300	ug/l	90
28) Bromochloromethane	4.891	49	21038	18.740	ug/l	# 73
29) Tetrahydrofuran	5.013	42	97450	104.798	ug/l	96
30) Chloroform	5.093	83	66330	20.268	ug/l	97
31) Cyclohexane	5.458	56	52498	19.800	ug/l	89
32) 1,1,1-Trichloroethane	5.379	97	58900	19.782	ug/l	97
36) 1,1-Dichloropropene	5.690	75	42274	18.390	ug/l	93
37) Ethyl Acetate	4.721	43	59694	20.812	ug/l	100
38) Carbon Tetrachloride	5.666	117	49734	18.886	ug/l	98
39) Methylcyclohexane	7.373	83	49714	18.408	ug/l	92
40) Benzene	6.031	78	138618	19.561	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	29788	20.178	ug/l	94
42) 1,2-Dichloroethane	6.086	62	52855	20.351	ug/l	97
43) Isopropyl Acetate	6.342	43	88260	20.466	ug/l	97
44) Trichloroethene	7.123	130	32269	17.244	ug/l	86
45) 1,2-Dichloropropane	7.427	63	29646	18.724	ug/l	98
46) Dibromomethane	7.580	93	21868	17.350	ug/l #	77
47) Bromodichloromethane	7.818	83	39635	17.646	ug/l	97
48) Methyl methacrylate	7.696	41	38923	19.689	ug/l	94
49) 1,4-Dioxane	7.671	88	17185m	402.064	ug/l	
51) 4-Methyl-2-Pentanone	8.574	43	238936	92.333	ug/l	100
52) Toluene	8.714	92	73849	17.036	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	38082	17.112	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	41964	16.994	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	29798	17.849	ug/l	98
56) Ethyl methacrylate	9.116	69	47030	18.203	ug/l	97
57) 1,3-Dichloropropane	9.305	76	48791	17.512	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	115526	92.216	ug/l	93
59) 2-Hexanone	9.433	43	185946	89.861	ug/l	99
60) Dibromochloromethane	9.519	129	33872	17.235	ug/l	98
61) 1,2-Dibromoethane	9.610	107	31864	17.349	ug/l	97
64) Tetrachloroethene	9.269	164	31261	20.544	ug/l	89
65) Chlorobenzene	10.079	112	84585	19.829	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	29830	19.791	ug/l	98
67) Ethyl Benzene	10.195	91	137600	19.551	ug/l	100
68) m/p-Xylenes	10.299	106	108971	38.664	ug/l	96
69) o-Xylene	10.640	106	55070	20.407	ug/l	91
70) Styrene	10.652	104	90068	20.340	ug/l	96
71) Bromoform	10.799	173	27057	20.058	ug/l #	100
73) Isopropylbenzene	10.963	105	139374	19.531	ug/l	96
74) N-amyl acetate	10.841	43	63388	20.332	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	48287	20.650	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	39428m	20.695	ug/l	
77) Bromobenzene	11.195	156	40574	20.146	ug/l	76
78) n-propylbenzene	11.305	91	152265	20.316	ug/l	96
79) 2-Chlorotoluene	11.366	91	95917	19.859	ug/l	92
80) 1,3,5-Trimethylbenzene	11.451	105	117752	20.242	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	13051	18.660	ug/l	99
82) 4-Chlorotoluene	11.451	91	108859	19.853	ug/l	92
83) tert-Butylbenzene	11.713	119	125819	20.198	ug/l	92
84) 1,2,4-Trimethylbenzene	11.750	105	119138	20.354	ug/l	94
85) sec-Butylbenzene	11.890	105	146130	20.470	ug/l	95
86) p-Isopropyltoluene	12.006	119	129174	20.147	ug/l	95
87) 1,3-Dichlorobenzene	11.969	146	72324	19.756	ug/l	94
88) 1,4-Dichlorobenzene	12.042	146	74691	19.803	ug/l	96
89) n-Butylbenzene	12.329	91	100721	19.536	ug/l	97
90) Hexachloroethane	12.536	117	20206	18.845	ug/l	60
91) 1,2-Dichlorobenzene	12.335	146	76048	19.667	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	10623	19.660	ug/l	57
93) 1,2,4-Trichlorobenzene	13.585	180	52722	19.506	ug/l	95
94) Hexachlorobutadiene	13.725	225	25155	18.637	ug/l	99
95) Naphthalene	13.774	128	160803	20.076	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	55636	20.141	ug/l	95

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

