

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081524\
 Data File : VX043052.D
 Acq On : 15 Aug 2024 10:54
 Operator : JC/MD
 Sample : VX0815WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0815WBSD01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 08/16/2024
 Supervised By :Semsettin Yesilyurt 08/16/2024

Quant Time: Aug 16 01:37:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081424W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 15 04:22:11 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	117562	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	202661	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	174241	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	81144	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	80104	51.855	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.700%			
35) Dibromofluoromethane	5.385	113	67106	53.525	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.040%			
50) Toluene-d8	8.647	98	253162	52.310	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.620%			
62) 4-Bromofluorobenzene	11.079	95	86073	49.048	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 98.100%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	23093	19.429	ug/l	97
3) Chloromethane	1.301	50	33061	18.791	ug/l	99
4) Vinyl Chloride	1.374	62	33166	18.767	ug/l	98
5) Bromomethane	1.599	94	11762	21.965	ug/l	97
6) Chloroethane	1.666	64	13544	24.317	ug/l	98
7) Trichlorofluoromethane	1.874	101	42664	23.089	ug/l	98
8) Diethyl Ether	2.136	74	18313	21.424	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.319	101	25417	19.234	ug/l	97
10) Methyl Iodide	2.441	142	28455	19.220	ug/l #	87
11) Tert butyl alcohol	2.995	59	41993	105.361	ug/l #	94
12) 1,1-Dichloroethene	2.313	96	26319	18.561	ug/l	83
13) Acrolein	2.239	56	56624	140.531	ug/l	98
14) Allyl chloride	2.660	41	50011	18.818	ug/l	91
15) Acrylonitrile	3.075	53	93169	94.379	ug/l	98
16) Acetone	2.392	43	76095	99.318	ug/l	90
17) Carbon Disulfide	2.502	76	71884	17.677	ug/l	98
18) Methyl Acetate	2.709	43	49842	19.686	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	90359	18.907	ug/l	97
20) Methylene Chloride	2.782	84	30865	17.420	ug/l #	90
21) trans-1,2-Dichloroethene	3.087	96	26831	18.143	ug/l	92
22) Diisopropyl ether	3.764	45	99591	18.351	ug/l	94
23) Vinyl Acetate	3.721	43	597701	94.470	ug/l	96
24) 1,1-Dichloroethane	3.605	63	51120	18.676	ug/l	98
25) 2-Butanone	4.562	43	127061	94.601	ug/l	99
26) 2,2-Dichloropropane	4.471	77	41997	19.260	ug/l	94
27) cis-1,2-Dichloroethene	4.489	96	33192	18.595	ug/l	90
28) Bromochloromethane	4.891	49	22937	18.523	ug/l	98
29) Tetrahydrofuran	5.007	42	85379	91.715	ug/l	98
30) Chloroform	5.093	83	48492	18.442	ug/l	100
31) Cyclohexane	5.465	56	45452	17.656	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	42606	19.410	ug/l	98
36) 1,1-Dichloropropene	5.690	75	33415	19.185	ug/l	96
37) Ethyl Acetate	4.721	43	49655	20.238	ug/l	99
38) Carbon Tetrachloride	5.672	117	35967	20.422	ug/l	95
39) Methylcyclohexane	7.379	83	47604	19.741	ug/l	94
40) Benzene	6.038	78	114521	19.300	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	25838	19.981	ug/l	94
42) 1,2-Dichloroethane	6.086	62	36330	21.049	ug/l	92
43) Isopropyl Acetate	6.348	43	78079	19.723	ug/l	97
44) Trichloroethene	7.123	130	27044	20.126	ug/l	89
45) 1,2-Dichloropropane	7.428	63	28510	19.524	ug/l	95
46) Dibromomethane	7.580	93	20066	20.097	ug/l	96
47) Bromodichloromethane	7.818	83	39172	20.206	ug/l	98
48) Methyl methacrylate	7.696	41	35490	19.058	ug/l	91
49) 1,4-Dioxane	7.665	88	15850	410.039	ug/l #	90
51) 4-Methyl-2-Pentanone	8.574	43	249967	99.357	ug/l	99
52) Toluene	8.720	92	70746	19.737	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	40822	19.283	ug/l	96
54) cis-1,3-Dichloropropene	8.366	75	44831	19.254	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	28291	20.094	ug/l	99
56) Ethyl methacrylate	9.116	69	48816	19.148	ug/l	95
57) 1,3-Dichloropropane	9.311	76	46940	19.673	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	112761	94.253	ug/l	100
59) 2-Hexanone	9.433	43	188697	97.603	ug/l	96
60) Dibromochloromethane	9.519	129	29454	19.841	ug/l	99
61) 1,2-Dibromoethane	9.610	107	29272	20.617	ug/l	99
64) Tetrachloroethene	9.275	164	23666	21.045	ug/l	96
65) Chlorobenzene	10.080	112	74828	19.906	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	26041	20.558	ug/l	98
67) Ethyl Benzene	10.195	91	129488	19.822	ug/l	98
68) m/p-Xylenes	10.299	106	100153	39.870	ug/l	93
69) o-Xylene	10.640	106	50317	19.939	ug/l	93
70) Styrene	10.653	104	83690	19.780	ug/l	95
71) Bromoform	10.799	173	20383	19.376	ug/l #	98
73) Isopropylbenzene	10.964	105	123293	19.919	ug/l	97
74) N-amyl acetate	10.842	43	65813	18.667	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	44812	18.808	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	34958m	18.798	ug/l	
77) Bromobenzene	11.195	156	29679	19.959	ug/l	92
78) n-propylbenzene	11.305	91	137839	19.540	ug/l	99
79) 2-Chlorotoluene	11.366	91	84795	19.314	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	101484	19.902	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	15117	17.731	ug/l #	84
82) 4-Chlorotoluene	11.457	91	94048	19.223	ug/l	95
83) tert-Butylbenzene	11.713	119	104876	19.873	ug/l	94
84) 1,2,4-Trimethylbenzene	11.750	105	101182	19.669	ug/l	93
85) sec-Butylbenzene	11.890	105	127904	19.966	ug/l	99
86) p-Isopropyltoluene	12.006	119	104770	20.018	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	53225	19.906	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	52736	19.277	ug/l	98
89) n-Butylbenzene	12.335	91	86321	19.052	ug/l	99
90) Hexachloroethane	12.536	117	20121	19.141	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	53660	19.905	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	9022	19.356	ug/l	77
93) 1,2,4-Trichlorobenzene	13.585	180	30071	19.817	ug/l	96
94) Hexachlorobutadiene	13.725	225	11784	20.811	ug/l	98
95) Naphthalene	13.774	128	118679	19.804	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	31094	20.035	ug/l	98

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

