

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060624\
 Data File : VX041767.D
 Acq On : 06 Jun 2024 11:13
 Operator : JC/MD
 Sample : VX0606WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0606WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/07/2024
 Supervised By : Mahesh Dadoda 06/07/2024

Quant Time: Jun 07 00:57:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052924W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 30 07:36:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	171757	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	247948	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	224605	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	122694	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	104013	49.376	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.760%		
35) Dibromofluoromethane	5.385	113	81435	47.503	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.000%		
50) Toluene-d8	8.647	98	288944	48.238	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.480%		
62) 4-Bromofluorobenzene	11.079	95	107942	48.825	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.660%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	26836	17.782	ug/l	100
3) Chloromethane	1.301	50	28040	17.028	ug/l	98
4) Vinyl Chloride	1.374	62	28772	16.973	ug/l	98
5) Bromomethane	1.593	94	19598	16.601	ug/l	97
6) Chloroethane	1.660	64	17581	17.160	ug/l	99
7) Trichlorofluoromethane	1.868	101	47918	17.311	ug/l	99
8) Diethyl Ether	2.136	74	19298	18.089	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.313	101	28117	17.926	ug/l	89
10) Methyl Iodide	2.441	142	35714	18.259	ug/l	91
11) Tert butyl alcohol	2.995	59	36632	98.302	ug/l	# 90
12) 1,1-Dichloroethene	2.307	96	26289	17.171	ug/l	92
13) Acrolein	2.240	56	37524	108.148	ug/l	99
14) Allyl chloride	2.654	41	46731	18.553	ug/l	98
15) Acrylonitrile	3.069	53	92966	101.726	ug/l	99
16) Acetone	2.392	43	91887	97.654	ug/l	97
17) Carbon Disulfide	2.502	76	51158	15.104	ug/l	97
18) Methyl Acetate	2.709	43	43610	21.681	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	97620	19.057	ug/l	99
20) Methylene Chloride	2.782	84	32640	17.314	ug/l	91
21) trans-1,2-Dichloroethene	3.087	96	27511	17.319	ug/l	91
22) Diisopropyl ether	3.764	45	98077	19.053	ug/l	97
23) Vinyl Acetate	3.721	43	452083	97.759	ug/l	97
24) 1,1-Dichloroethane	3.605	63	52543	18.052	ug/l	98
25) 2-Butanone	4.568	43	134209	102.509	ug/l	95
26) 2,2-Dichloropropane	4.471	77	40464	16.944	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	34904	18.381	ug/l	91
28) Bromochloromethane	4.898	49	23916	19.077	ug/l	# 83
29) Tetrahydrofuran	5.013	42	86517	104.783	ug/l	97
30) Chloroform	5.093	83	56488	18.484	ug/l	98
31) Cyclohexane	5.465	56	44015	17.698	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	47746	17.829	ug/l	99
36) 1,1-Dichloropropene	5.690	75	36992	17.821	ug/l	97
37) Ethyl Acetate	4.727	43	51399	19.621	ug/l	100
38) Carbon Tetrachloride	5.672	117	40069	16.990	ug/l	98
39) Methylcyclohexane	7.379	83	45214	17.730	ug/l	93
40) Benzene	6.032	78	117717	18.143	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	27236	21.259	ug/l	96
42) 1,2-Dichloroethane	6.086	62	46640	19.256	ug/l	97
43) Isopropyl Acetate	6.349	43	76476	19.336	ug/l	98
44) Trichloroethene	7.123	130	30638	17.363	ug/l	91
45) 1,2-Dichloropropane	7.434	63	28971	18.780	ug/l	99
46) Dibromomethane	7.580	93	22505	19.020	ug/l #	81
47) Bromodichloromethane	7.824	83	40522	18.496	ug/l	97
48) Methyl methacrylate	7.696	41	38326	20.178	ug/l	96
49) 1,4-Dioxane	7.671	88	16631m	400.746	ug/l	
51) 4-Methyl-2-Pentanone	8.574	43	268807	104.810	ug/l	100
52) Toluene	8.720	92	76334	18.539	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	39833	18.471	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	43840	18.377	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	31467	18.958	ug/l	97
56) Ethyl methacrylate	9.116	69	50339	19.870	ug/l	99
57) 1,3-Dichloropropane	9.311	76	53179	19.298	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.245	63	112886	94.644	ug/l	95
59) 2-Hexanone	9.433	43	207480	106.109	ug/l	98
60) Dibromochloromethane	9.519	129	33698	18.301	ug/l	98
61) 1,2-Dibromoethane	9.610	107	33159	18.928	ug/l	98
64) Tetrachloroethene	9.275	164	30783	18.286	ug/l	89
65) Chlorobenzene	10.080	112	88933	18.450	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	31267	18.693	ug/l	99
67) Ethyl Benzene	10.195	91	144226	18.775	ug/l	98
68) m/p-Xylenes	10.299	106	114330	37.411	ug/l	94
69) o-Xylene	10.640	106	56064	18.441	ug/l	96
70) Styrene	10.653	104	94349	18.789	ug/l	97
71) Bromoform	10.799	173	26316	18.066	ug/l #	99
73) Isopropylbenzene	10.964	105	145778	19.154	ug/l	97
74) N-amyl acetate	10.842	43	66905	19.845	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.214	83	52803	19.550	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	42670m	19.932	ug/l	
77) Bromobenzene	11.201	156	41350	18.406	ug/l	81
78) n-propylbenzene	11.305	91	158764	18.997	ug/l	96
79) 2-Chlorotoluene	11.366	91	100727	18.752	ug/l	93
80) 1,3,5-Trimethylbenzene	11.451	105	121253	19.082	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	13492	17.177	ug/l	95
82) 4-Chlorotoluene	11.457	91	114702	18.770	ug/l	94
83) tert-Butylbenzene	11.713	119	131943	19.276	ug/l	92
84) 1,2,4-Trimethylbenzene	11.750	105	122584	19.040	ug/l	95
85) sec-Butylbenzene	11.890	105	149533	19.055	ug/l	95
86) p-Isopropyltoluene	12.012	119	131664	19.131	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	73503	18.320	ug/l	95
88) 1,4-Dichlorobenzene	12.043	146	73746	17.831	ug/l	95
89) n-Butylbenzene	12.335	91	100303	18.410	ug/l	98
90) Hexachloroethane	12.536	117	20437	17.459	ug/l	65
91) 1,2-Dichlorobenzene	12.335	146	76806	18.794	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	11144	20.423	ug/l	64
93) 1,2,4-Trichlorobenzene	13.585	180	49604	18.417	ug/l	95
94) Hexachlorobutadiene	13.725	225	24042	18.017	ug/l	99
95) Naphthalene	13.774	128	155053	19.508	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	51887	18.719	ug/l	95

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

