

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062524\
 Data File : VX042023.D
 Acq On : 25 Jun 2024 11:39
 Operator : JC/MD
 Sample : VX0625WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0625WBSD01

Manual Integrations
 APPROVED

Reviewed By :John Carlone 06/26/2024
 Supervised By :Mahesh Dadoda 06/26/2024

Quant Time: Jun 26 05:34:15 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

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	175932	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	245963	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	229088	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	123062	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	90309	44.515	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	89.040%		
35) Dibromofluoromethane	5.385	113	83666	47.940	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.880%		
50) Toluene-d8	8.647	98	289323	47.189	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	94.380%		
62) 4-Bromofluorobenzene	11.079	95	110533	48.907	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.820%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	23697	17.680	ug/l	99
3) Chloromethane	1.300	50	27000	16.057	ug/l	98
4) Vinyl Chloride	1.374	62	27785	16.484	ug/l	99
5) Bromomethane	1.599	94	15042	18.073	ug/l	97
6) Chloroethane	1.666	64	16414	21.681	ug/l	97
7) Trichlorofluoromethane	1.874	101	46351	20.989	ug/l	100
8) Diethyl Ether	2.136	74	19589	18.897	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.319	101	30628	20.134	ug/l #	85
10) Methyl Iodide	2.447	142	35962	19.020	ug/l #	87
11) Tert butyl alcohol	2.983	59	43088	111.912	ug/l #	95
12) 1,1-Dichloroethene	2.312	96	27841	18.348	ug/l	82
13) Acrolein	2.239	56	51618	119.601	ug/l	96
14) Allyl chloride	2.660	41	47572	19.768	ug/l	88
15) Acrylonitrile	3.068	53	104621	104.032	ug/l	98
16) Acetone	2.386	43	88413	99.250	ug/l #	89
17) Carbon Disulfide	2.501	76	47192	15.253	ug/l	98
18) Methyl Acetate	2.709	43	55085	22.668	ug/l	95
19) Methyl tert-butyl Ether	3.117	73	103755	20.697	ug/l	97
20) Methylene Chloride	2.788	84	34769	17.825	ug/l	90
21) trans-1,2-Dichloroethene	3.087	96	28342	18.403	ug/l	87
22) Diisopropyl ether	3.763	45	103593	20.365	ug/l	89
23) Vinyl Acetate	3.721	43	433433	99.772	ug/l	96
24) 1,1-Dichloroethane	3.605	63	56291	19.761	ug/l	96
25) 2-Butanone	4.562	43	139563	100.703	ug/l	94
26) 2,2-Dichloropropane	4.471	77	41746	20.237	ug/l	92
27) cis-1,2-Dichloroethene	4.483	96	38209	19.809	ug/l	86
28) Bromochloromethane	4.897	49	24044	19.706	ug/l #	71
29) Tetrahydrofuran	5.013	42	89537	100.036	ug/l	94
30) Chloroform	5.092	83	59900	20.183	ug/l	100
31) Cyclohexane	5.464	56	42233	17.801	ug/l	90
32) 1,1,1-Trichloroethane	5.379	97	49144	19.817	ug/l	97
36) 1,1-Dichloropropene	5.690	75	36342	19.610	ug/l	96
37) Ethyl Acetate	4.721	43	49923	20.679	ug/l	96
38) Carbon Tetrachloride	5.672	117	41586	20.309	ug/l	98
39) Methylcyclohexane	7.379	83	46432	19.811	ug/l	91
40) Benzene	6.031	78	126427	20.227	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	28593	21.849	ug/l	92
42) 1,2-Dichloroethane	6.086	62	42381	21.050	ug/l	91
43) Isopropyl Acetate	6.342	43	76300	20.590	ug/l	94
44) Trichloroethene	7.129	130	34036	20.315	ug/l	84
45) 1,2-Dichloropropane	7.427	63	32315	21.026	ug/l	99
46) Dibromomethane	7.580	93	23498	20.984	ug/l #	77
47) Bromodichloromethane	7.824	83	43205	21.015	ug/l	96
48) Methyl methacrylate	7.696	41	37448	21.175	ug/l	87
49) 1,4-Dioxane	7.665	88	18861	414.959	ug/l #	80
51) 4-Methyl-2-Pentanone	8.574	43	277613	108.757	ug/l	96
52) Toluene	8.720	92	81006	20.352	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	41743	20.042	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	47832	21.250	ug/l #	86
55) 1,1,2-Trichloroethane	9.153	97	36177	21.818	ug/l	98
56) Ethyl methacrylate	9.116	69	54933	21.296	ug/l #	87
57) 1,3-Dichloropropane	9.305	76	57940	21.629	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	128625	107.003	ug/l	94
59) 2-Hexanone	9.433	43	209955	107.391	ug/l	92
60) Dibromochloromethane	9.518	129	38178	21.197	ug/l	99
61) 1,2-Dibromoethane	9.610	107	36921	21.471	ug/l	99
64) Tetrachloroethene	9.275	164	32877	19.711	ug/l	90
65) Chlorobenzene	10.079	112	96147	20.180	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	34516	20.692	ug/l	98
67) Ethyl Benzene	10.195	91	152075	20.367	ug/l	98
68) m/p-Xylenes	10.299	106	122627	40.684	ug/l	92
69) o-Xylene	10.640	106	60695	20.340	ug/l	93
70) Styrene	10.652	104	104800	20.943	ug/l	93
71) Bromoform	10.799	173	30634	20.063	ug/l #	99
73) Isopropylbenzene	10.963	105	158021	21.118	ug/l	96
74) N-amyl acetate	10.841	43	66255	19.934	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.213	83	57697	20.737	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	46500m	20.814	ug/l	
77) Bromobenzene	11.195	156	45225	20.294	ug/l	78
78) n-propylbenzene	11.305	91	172154	21.204	ug/l	97
79) 2-Chlorotoluene	11.366	91	107946	20.636	ug/l	91
80) 1,3,5-Trimethylbenzene	11.451	105	131894	21.162	ug/l	94
81) trans-1,4-Dichloro-2-b...	11.018	75	15021	19.094	ug/l	94
82) 4-Chlorotoluene	11.451	91	120786	20.888	ug/l	91
83) tert-Butylbenzene	11.713	119	143249	20.947	ug/l	91
84) 1,2,4-Trimethylbenzene	11.750	105	132664	21.217	ug/l	93
85) sec-Butylbenzene	11.890	105	166329	21.503	ug/l	95
86) p-Isopropyltoluene	12.006	119	144775	21.426	ug/l	94
87) 1,3-Dichlorobenzene	11.969	146	81567	20.823	ug/l	95
88) 1,4-Dichlorobenzene	12.042	146	81297	20.228	ug/l	95
89) n-Butylbenzene	12.329	91	108546	20.869	ug/l	97
90) Hexachloroethane	12.536	117	22893	19.900	ug/l #	56
91) 1,2-Dichlorobenzene	12.335	146	84126	20.988	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.939	75	11561	20.968	ug/l #	53
93) 1,2,4-Trichlorobenzene	13.585	180	54499	20.756	ug/l	95
94) Hexachlorobutadiene	13.725	225	27253	20.526	ug/l	99
95) Naphthalene	13.774	128	166681	19.357	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	57111	20.623	ug/l	96

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

