

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052424\
 Data File : VX041644.D
 Acq On : 24 May 2024 10:59
 Operator : JC/MD
 Sample : VX0524WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0524WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/28/2024
 Supervised By : Semsettin Yesilyurt 05/28/2024

Quant Time: May 25 04:20:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 06:03:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	171911	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	244940	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	224002	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	125512	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	100599	53.753	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 107.500%			
35) Dibromofluoromethane	5.379	113	82144	49.488	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.980%			
50) Toluene-d8	8.647	98	277097	52.743	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 105.480%			
62) 4-Bromofluorobenzene	11.079	95	107363	52.791	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.580%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	27300	19.326	ug/l	99
3) Chloromethane	1.300	50	26075	17.839	ug/l	98
4) Vinyl Chloride	1.374	62	28690	20.589	ug/l	98
5) Bromomethane	1.599	94	18056	20.670	ug/l	95
6) Chloroethane	1.666	64	17168	26.536	ug/l	96
7) Trichlorofluoromethane	1.867	101	50995	21.223	ug/l	100
8) Diethyl Ether	2.136	74	19632	23.181	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.319	101	29776	22.049	ug/l	89
10) Methyl Iodide	2.447	142	35424	24.372	ug/l	90
11) Tert butyl alcohol	2.995	59	41871	111.780	ug/l	# 93
12) 1,1-Dichloroethene	2.306	96	26187	19.657	ug/l	90
13) Acrolein	2.239	56	23386	78.697	ug/l	98
14) Allyl chloride	2.654	41	46667	20.851	ug/l	99
15) Acrylonitrile	3.068	53	94475	110.508	ug/l	99
16) Acetone	2.392	43	97928	116.740	ug/l	100
17) Carbon Disulfide	2.501	76	42553	13.588	ug/l	97
18) Methyl Acetate	2.703	43	48194	25.170	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	101370	20.874	ug/l	99
20) Methylene Chloride	2.782	84	32479	19.991	ug/l	93
21) trans-1,2-Dichloroethene	3.087	96	26981	18.123	ug/l	92
22) Diisopropyl ether	3.763	45	101571	21.413	ug/l	92
23) Vinyl Acetate	3.721	43	446830	105.308	ug/l	97
24) 1,1-Dichloroethane	3.605	63	55706	20.788	ug/l	97
25) 2-Butanone	4.562	43	139730	115.358	ug/l	98
26) 2,2-Dichloropropane	4.471	77	43899	19.593	ug/l	95
27) cis-1,2-Dichloroethene	4.489	96	35414	20.091	ug/l	90
28) Bromochloromethane	4.897	49	20561	21.499	ug/l	# 82
29) Tetrahydrofuran	5.007	42	86336	108.987	ug/l	97
30) Chloroform	5.086	83	59522	21.350	ug/l	96
31) Cyclohexane	5.464	56	39802	17.621	ug/l	91
32) 1,1,1-Trichloroethane	5.379	97	51559	20.327	ug/l	99
36) 1,1-Dichloropropene	5.684	75	35459	17.865	ug/l	96
37) Ethyl Acetate	4.721	43	50766	20.499	ug/l	99
38) Carbon Tetrachloride	5.672	117	42179	18.550	ug/l	100
39) Methylcyclohexane	7.373	83	42746	18.332	ug/l	95
40) Benzene	6.031	78	117786	19.250	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	27411	21.505	ug/l	93
42) 1,2-Dichloroethane	6.086	62	46959	20.941	ug/l	97
43) Isopropyl Acetate	6.342	43	78774	21.155	ug/l	99
44) Trichloroethene	7.123	130	32288	19.984	ug/l	85
45) 1,2-Dichloropropane	7.427	63	30787	22.520	ug/l	98
46) Dibromomethane	7.580	93	22912	21.053	ug/l #	80
47) Bromodichloromethane	7.818	83	43276	22.315	ug/l	98
48) Methyl methacrylate	7.696	41	38991	22.843	ug/l	95
49) 1,4-Dioxane	7.665	88	17306	468.939	ug/l #	88
51) 4-Methyl-2-Pentanone	8.574	43	276302	123.661	ug/l	99
52) Toluene	8.714	92	76258	20.374	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	40709	19.617	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	44904	21.061	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	33655	23.348	ug/l	97
56) Ethyl methacrylate	9.116	69	51892	23.261	ug/l	99
57) 1,3-Dichloropropane	9.305	76	54168	22.517	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	128597	118.886	ug/l	94
59) 2-Hexanone	9.433	43	216509	121.180	ug/l	98
60) Dibromochloromethane	9.518	129	36419	21.462	ug/l	99
61) 1,2-Dibromoethane	9.610	107	34424	21.708	ug/l	100
64) Tetrachloroethene	9.269	164	30684	18.916	ug/l	88
65) Chlorobenzene	10.079	112	92440	20.328	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	33560	20.887	ug/l	98
67) Ethyl Benzene	10.195	91	147845	19.706	ug/l	98
68) m/p-Xylenes	10.299	106	117053	38.961	ug/l	93
69) o-Xylene	10.640	106	58728	20.415	ug/l	94
70) Styrene	10.652	104	99339	21.045	ug/l	95
71) Bromoform	10.799	173	29199	20.306	ug/l #	99
73) Isopropylbenzene	10.963	105	153135	19.988	ug/l	98
74) N-amyl acetate	10.841	43	69346	20.717	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	56447	22.484	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	45848m	22.415	ug/l	
77) Bromobenzene	11.195	156	44291	20.483	ug/l	80
78) n-propylbenzene	11.305	91	167515	20.818	ug/l	97
79) 2-Chlorotoluene	11.360	91	107475	20.726	ug/l	94
80) 1,3,5-Trimethylbenzene	11.451	105	126860	20.312	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	14535	19.356	ug/l	96
82) 4-Chlorotoluene	11.451	91	122181	20.755	ug/l	95
83) tert-Butylbenzene	11.713	119	140105	20.948	ug/l	92
84) 1,2,4-Trimethylbenzene	11.750	105	129945	20.678	ug/l	95
85) sec-Butylbenzene	11.890	105	162747	21.234	ug/l	96
86) p-Isopropyltoluene	12.006	119	141637	20.576	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	80174	20.398	ug/l	95
88) 1,4-Dichlorobenzene	12.042	146	81313	20.080	ug/l	96
89) n-Butylbenzene	12.329	91	110608	19.983	ug/l	98
90) Hexachloroethane	12.536	117	23355	20.288	ug/l	63
91) 1,2-Dichlorobenzene	12.335	146	82964	19.984	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	12007	20.697	ug/l	65
93) 1,2,4-Trichlorobenzene	13.585	180	54607	18.818	ug/l	96
94) Hexachlorobutadiene	13.725	225	27579	19.032	ug/l	98
95) Naphthalene	13.774	128	172129	20.016	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	58526	19.734	ug/l	96

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

