

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050624\
 Data File : VX041369.D
 Acq On : 06 May 2024 11:12
 Operator : JC/MD
 Sample : VX0506WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0506WBS01

Quant Time: May 06 16:48:50 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

Manual Integrations APPROVED

Reviewed By :John Carlone 05/07/2024
 Supervised By :Semsettin Yesilyurt 05/07/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	202939	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	291975	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	219092	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	122543	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.952	65	123027	55.687	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	111.380%
35) Dibromofluoromethane	5.385	113	100494	50.790	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.580%
50) Toluene-d8	8.647	98	291339	46.521	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.040%
62) 4-Bromofluorobenzene	11.079	95	111636	46.049	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.100%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.166	85	35624	21.363	ug/l	95
3) Chloromethane	1.294	50	32679	18.938	ug/l	98
4) Vinyl Chloride	1.374	62	35683	21.693	ug/l	98
5) Bromomethane	1.599	94	19590	18.997	ug/l	100
6) Chloroethane	1.666	64	16895	22.121	ug/l	96
7) Trichlorofluoromethane	1.868	101	58242	20.533	ug/l	98
8) Diethyl Ether	2.136	74	20581	20.586	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.319	101	31957	20.046	ug/l #	87
10) Methyl Iodide	2.447	142	25942	15.119	ug/l	90
11) Tert butyl alcohol	3.008	59	49759	112.528	ug/l #	92
12) 1,1-Dichloroethene	2.307	96	30018	19.088	ug/l	87
13) Acrolein	2.239	56	33105	94.370	ug/l	96
14) Allyl chloride	2.660	41	61146	23.143	ug/l	98
15) Acrylonitrile	3.069	53	110525	109.516	ug/l	99
16) Acetone	2.392	43	100727	101.206	ug/l	94
17) Carbon Disulfide	2.502	76	66236	17.917	ug/l	99
18) Methyl Acetate	2.709	43	50800	22.475	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	124143	21.655	ug/l	99
20) Methylene Chloride	2.788	84	40472	21.102	ug/l	90
21) trans-1,2-Dichloroethene	3.087	96	36540	20.791	ug/l	88
22) Diisopropyl ether	3.764	45	121079	21.623	ug/l	95
23) Vinyl Acetate	3.721	43	557981	111.398	ug/l	97
24) 1,1-Dichloroethane	3.605	63	67917	21.469	ug/l	98
25) 2-Butanone	4.568	43	166880	116.708	ug/l	97
26) 2,2-Dichloropropane	4.471	77	56514	21.367	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	44537	21.403	ug/l	92
28) Bromochloromethane	4.897	49	26861	23.792	ug/l #	76
29) Tetrahydrofuran	5.013	42	105840	113.180	ug/l	97
30) Chloroform	5.093	83	72375	21.991	ug/l	97
31) Cyclohexane	5.464	56	56825	21.311	ug/l	92
32) 1,1,1-Trichloroethane	5.379	97	64776	21.633	ug/l	97
36) 1,1-Dichloropropene	5.690	75	46564	19.681	ug/l	96
37) Ethyl Acetate	4.721	43	63074	21.366	ug/l	99
38) Carbon Tetrachloride	5.672	117	55946	20.641	ug/l	99
39) Methylcyclohexane	7.373	83	59751	21.497	ug/l	91
40) Benzene	6.031	78	148810	20.403	ug/l	100

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41) Methacrylonitrile	4.928	41	31756	20.901	ug/l	93
42) 1,2-Dichloroethane	6.086	62	56864	21.273	ug/l	96
43) Isopropyl Acetate	6.348	43	92952	20.942	ug/l	97
44) Trichloroethene	7.123	130	41438	21.516	ug/l	90
45) 1,2-Dichloropropane	7.428	63	36393	22.332	ug/l	97
46) Dibromomethane	7.580	93	28190	21.730	ug/l #	77
47) Bromodichloromethane	7.824	83	46884	20.281	ug/l	97
48) Methyl methacrylate	7.696	41	46568	22.887	ug/l	95
49) 1,4-Dioxane	7.665	88	21263	483.346	ug/l #	92
51) 4-Methyl-2-Pentanone	8.574	43	276500	103.814	ug/l	99
52) Toluene	8.714	92	81370	18.237	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	43441	18.966	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	47714	18.774	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	33211	19.329	ug/l	95
56) Ethyl methacrylate	9.116	69	52116	19.598	ug/l	98
57) 1,3-Dichloropropane	9.311	76	53855	18.780	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	120521	93.471	ug/l	92
59) 2-Hexanone	9.433	43	217025	101.901	ug/l	99
60) Dibromochloromethane	9.519	129	38133	18.852	ug/l	99
61) 1,2-Dibromoethane	9.610	107	35178	18.610	ug/l	99
64) Tetrachloroethene	9.275	164	34140	21.519	ug/l	88
65) Chlorobenzene	10.079	112	95668	21.510	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	34456	21.925	ug/l	98
67) Ethyl Benzene	10.195	91	154021	20.990	ug/l	97
68) m/p-Xylenes	10.299	106	123321	41.967	ug/l	94
69) o-Xylene	10.640	106	61997	22.035	ug/l	93
70) Styrene	10.659	104	101783	22.046	ug/l	95
71) Bromoform	10.799	173	30867	21.947	ug/l #	99
73) Isopropylbenzene	10.963	105	158865	21.238	ug/l	96
74) N-amyl acetate	10.842	43	72038	22.043	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	54940	22.414	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	43452m	21.758	ug/l	
77) Bromobenzene	11.195	156	45965	21.772	ug/l	78
78) n-propylbenzene	11.305	91	173166	22.041	ug/l	96
79) 2-Chlorotoluene	11.366	91	107589	21.251	ug/l	91
80) 1,3,5-Trimethylbenzene	11.451	105	131666	21.592	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	14753	20.122	ug/l	96
82) 4-Chlorotoluene	11.451	91	123192	21.433	ug/l	93
83) tert-Butylbenzene	11.713	119	145048	22.213	ug/l	92
84) 1,2,4-Trimethylbenzene	11.750	105	134487	21.919	ug/l	94
85) sec-Butylbenzene	11.890	105	166470	22.245	ug/l	95
86) p-Isopropyltoluene	12.006	119	145925	21.712	ug/l	95
87) 1,3-Dichlorobenzene	11.969	146	82076	21.388	ug/l	95
88) 1,4-Dichlorobenzene	12.043	146	83342	21.080	ug/l	95
89) n-Butylbenzene	12.329	91	113906	21.077	ug/l	97
90) Hexachloroethane	12.536	117	24090	21.433	ug/l #	59
91) 1,2-Dichlorobenzene	12.335	146	85426	21.076	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	12784	22.571	ug/l	62
93) 1,2,4-Trichlorobenzene	13.585	180	58280	20.570	ug/l	95
94) Hexachlorobutadiene	13.725	225	28231	19.954	ug/l	98
95) Naphthalene	13.774	128	179760	21.410	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	60671	20.953	ug/l	96

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

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