

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100224\
 Data File : VX043220.D
 Acq On : 02 Oct 2024 10:48
 Operator : JC/MD
 Sample : VX1002WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1002WBSD01

Manual Integrations
 APPROVED

Reviewed By :John Carlone 10/03/2024
 Supervised By :Semsettin Yesilyurt 10/03/2024

Quant Time: Oct 02 22:58:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100124W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 02 16:50:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.543	168	116644	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	199186	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	175226	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	82718	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	87990	46.190	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.380%
35) Dibromofluoromethane	5.379	113	63942	46.548	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.100%
50) Toluene-d8	8.647	98	222890	46.822	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.640%
62) 4-Bromofluorobenzene	11.079	95	83324	48.180	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	96.360%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	23023	16.969	ug/l	98
3) Chloromethane	1.294	50	22470	16.080	ug/l	98
4) Vinyl Chloride	1.373	62	22611	16.154	ug/l	93
5) Bromomethane	1.599	94	9263	16.199	ug/l	94
6) Chloroethane	1.666	64	9753	18.712	ug/l	94
7) Trichlorofluoromethane	1.873	101	36818	17.605	ug/l	99
8) Diethyl Ether	2.136	74	13582	16.689	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.318	101	22452	17.204	ug/l	98
10) Methyl Iodide	2.446	142	27222	16.607	ug/l	99
11) Tert butyl alcohol	2.989	59	37630	103.805	ug/l	97
12) 1,1-Dichloroethene	2.312	96	20731	15.997	ug/l	98
13) Acrolein	2.239	56	31950	93.316	ug/l	99
14) Allyl chloride	2.654	41	36769	17.269	ug/l	99
15) Acrylonitrile	3.068	53	65171	88.043	ug/l	98
16) Acetone	2.386	43	66335	83.384	ug/l	100
17) Carbon Disulfide	2.501	76	49358	15.658	ug/l	97
18) Methyl Acetate	2.709	43	37552	18.817	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	81517	17.581	ug/l	98
20) Methylene Chloride	2.788	84	24336	16.591	ug/l	99
21) trans-1,2-Dichloroethene	3.087	96	21486	16.658	ug/l	99
22) Diisopropyl ether	3.757	45	74375	17.367	ug/l #	83
23) Vinyl Acetate	3.721	43	455008	99.321	ug/l	99
24) 1,1-Dichloroethane	3.605	63	42185	16.909	ug/l	97
25) 2-Butanone	4.562	43	95957	87.971	ug/l	99
26) 2,2-Dichloropropane	4.464	77	40711	17.151	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	26763	16.638	ug/l	98
28) Bromochloromethane	4.891	49	15494	15.742	ug/l	100
29) Tetrahydrofuran	5.007	42	60450	86.994	ug/l	100
30) Chloroform	5.086	83	46656	17.029	ug/l	94
31) Cyclohexane	5.464	56	34627	16.846	ug/l	98
32) 1,1,1-Trichloroethane	5.373	97	42360	16.833	ug/l	99
36) 1,1-Dichloropropene	5.690	75	29282	16.873	ug/l	100
37) Ethyl Acetate	4.720	43	37062	17.784	ug/l	100
38) Carbon Tetrachloride	5.672	117	35044	17.058	ug/l	95
39) Methylcyclohexane	7.379	83	37989	17.405	ug/l	99
40) Benzene	6.031	78	91234	17.340	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	19299	17.790	ug/l	96
42) 1,2-Dichloroethane	6.080	62	38643	18.023	ug/l	99
43) Isopropyl Acetate	6.342	43	61668	17.916	ug/l	99
44) Trichloroethene	7.122	130	23389	16.760	ug/l	92
45) 1,2-Dichloropropane	7.427	63	22984	17.801	ug/l	93
46) Dibromomethane	7.580	93	18750	18.122	ug/l	97
47) Bromodichloromethane	7.817	83	36956	18.168	ug/l	99
48) Methyl methacrylate	7.696	41	29689	17.579	ug/l	99
49) 1,4-Dioxane	7.665	88	13045	397.341	ug/l	98
51) 4-Methyl-2-Pentanone	8.573	43	188111	89.980	ug/l	98
52) Toluene	8.714	92	58625	17.778	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	36895	18.253	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	38595	17.802	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	24120	18.405	ug/l	99
56) Ethyl methacrylate	9.116	69	40151	18.740	ug/l	99
57) 1,3-Dichloropropane	9.305	76	40750	18.257	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	98448	101.938	ug/l	99
59) 2-Hexanone	9.433	43	145264	91.885	ug/l	100
60) Dibromochloromethane	9.518	129	27141	17.852	ug/l	100
61) 1,2-Dibromoethane	9.610	107	25660	18.224	ug/l	99
64) Tetrachloroethene	9.268	164	21185	17.424	ug/l	96
65) Chlorobenzene	10.079	112	65158	17.296	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	23567	17.692	ug/l	99
67) Ethyl Benzene	10.195	91	114738	17.621	ug/l	98
68) m/p-Xylenes	10.299	106	85808	34.871	ug/l	99
69) o-Xylene	10.640	106	42787	17.498	ug/l	99
70) Styrene	10.652	104	69820	17.619	ug/l	99
71) Bromoform	10.799	173	18253	17.888	ug/l #	97
73) Isopropylbenzene	10.957	105	111998	17.415	ug/l	100
74) N-amyl acetate	10.841	43	52556	17.215	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.213	83	36080	17.221	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	35308m	19.244	ug/l	
77) Bromobenzene	11.195	156	26196	16.738	ug/l	97
78) n-propylbenzene	11.305	91	122861	17.402	ug/l	99
79) 2-Chlorotoluene	11.366	91	79704	17.560	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	92422	17.422	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	11649	16.454	ug/l	97
82) 4-Chlorotoluene	11.451	91	89483	17.306	ug/l	100
83) tert-Butylbenzene	11.713	119	93828	17.167	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	92351	17.301	ug/l	98
85) sec-Butylbenzene	11.890	105	114105	17.611	ug/l	99
86) p-Isopropyltoluene	12.006	119	94535	17.489	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	47192	17.118	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	47286	16.636	ug/l	97
89) n-Butylbenzene	12.329	91	77821	17.196	ug/l	99
90) Hexachloroethane	12.536	117	17717	17.476	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	47974	17.015	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	8686	16.981	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	27717	17.052	ug/l	99
94) Hexachlorobutadiene	13.725	225	11830	18.360	ug/l	98
95) Naphthalene	13.774	128	101065	16.914	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	28170	16.798	ug/l	96

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

