

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020724\
 Data File : VX040152.D
 Acq On : 07 Feb 2024 15:18
 Operator : JC/MD
 Sample : VX0207WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0207WBS02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/08/2024
 Supervised By : Semsettin Yesilyurt 02/08/2024

Quant Time: Feb 08 00:34:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X013024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 01 05:44:39 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	56328	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	110755	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	104315	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	55001	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	54073	59.648	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 119.300%#			
35) Dibromofluoromethane	5.385	113	37244	49.399	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.800%			
50) Toluene-d8	8.647	98	146250	51.870	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 103.740%			
62) 4-Bromofluorobenzene	11.079	95	58024	53.445	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.900%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	13252	20.888	ug/l	97
3) Chloromethane	1.295	50	15384	25.568	ug/l	99
4) Vinyl Chloride	1.374	62	14204	25.526	ug/l	99
5) Bromomethane	1.605	94	13026	24.080	ug/l	92
6) Chloroethane	1.685	64	9391	25.563	ug/l	95
7) Trichlorofluoromethane	1.886	101	20742	23.428	ug/l	97
8) Diethyl Ether	2.136	74	8252	26.363	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.325	101	13225	20.020	ug/l	93
10) Methyl Iodide	2.453	142	14293	20.325	ug/l	97
11) Tert butyl alcohol	2.959	59	18774	114.136	ug/l #	90
12) 1,1-Dichloroethene	2.319	96	13292	20.980	ug/l	95
13) Acrolein	2.233	56	17891	113.525	ug/l	99
14) Allyl chloride	2.666	41	25909	22.688	ug/l	95
15) Acrylonitrile	3.062	53	48296	117.212	ug/l	98
16) Acetone	2.380	43	47251	111.244	ug/l	95
17) Carbon Disulfide	2.508	76	36972	19.959	ug/l	96
18) Methyl Acetate	2.703	43	23023	22.880	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	47831	22.039	ug/l	96
20) Methylene Chloride	2.788	84	16135	21.376	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	14350	20.567	ug/l	95
22) Diisopropyl ether	3.764	45	52533	23.748	ug/l	97
23) Vinyl Acetate	3.721	43	246562	124.545	ug/l	97
24) 1,1-Dichloroethane	3.611	63	27986	22.090	ug/l	98
25) 2-Butanone	4.556	43	72242	122.351	ug/l	95
26) 2,2-Dichloropropane	4.477	77	20990	21.233	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	16794	21.572	ug/l	96
28) Bromochloromethane	4.904	49	16282	27.561	ug/l	90
29) Tetrahydrofuran	5.001	42	47325	126.057	ug/l	95
30) Chloroform	5.093	83	27755	20.402	ug/l	90
31) Cyclohexane	5.471	56	24534	21.606	ug/l	92
32) 1,1,1-Trichloroethane	5.379	97	22989	19.691	ug/l	96
36) 1,1-Dichloropropene	5.696	75	21087	19.339	ug/l	98
37) Ethyl Acetate	4.715	43	26998	22.672	ug/l #	92
38) Carbon Tetrachloride	5.678	117	17668	16.934	ug/l #	83
39) Methylcyclohexane	7.379	83	23833	17.965	ug/l	96
40) Benzene	6.038	78	60906	19.178	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	14408	23.858	ug/l	95
42) 1,2-Dichloroethane	6.086	62	25108	20.538	ug/l	98
43) Isopropyl Acetate	6.342	43	41856	22.289	ug/l	95
44) Trichloroethene	7.129	130	14793	17.700	ug/l	98
45) 1,2-Dichloropropane	7.434	63	15410	18.378	ug/l	99
46) Dibromomethane	7.580	93	11371	18.067	ug/l	94
47) Bromodichloromethane	7.824	83	20767	18.526	ug/l	96
48) Methyl methacrylate	7.696	41	21139	22.851	ug/l	95
49) 1,4-Dioxane	7.659	88	8030	399.457	ug/l #	95
51) 4-Methyl-2-Pentanone	8.574	43	145618	113.594	ug/l	97
52) Toluene	8.720	92	38366	19.382	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	20979	18.045	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	24994	20.147	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	16145	19.705	ug/l	91
56) Ethyl methacrylate	9.116	69	24598	20.559	ug/l #	89
57) 1,3-Dichloropropane	9.311	76	27323	20.245	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	68994	114.672	ug/l	93
59) 2-Hexanone	9.427	43	113549	111.094	ug/l	98
60) Dibromochloromethane	9.519	129	14641	17.784	ug/l	97
61) 1,2-Dibromoethane	9.610	107	16931	19.113	ug/l	100
64) Tetrachloroethene	9.275	164	11879	17.501	ug/l	94
65) Chlorobenzene	10.080	112	39644	18.386	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	13511	18.555	ug/l	99
67) Ethyl Benzene	10.195	91	75085	19.409	ug/l	99
68) m/p-Xylenes	10.299	106	56669	38.937	ug/l	92
69) o-Xylene	10.640	106	28097	20.352	ug/l	97
70) Styrene	10.659	104	46309	19.903	ug/l	97
71) Bromoform	10.799	173	9567	17.165	ug/l #	100
73) Isopropylbenzene	10.964	105	72534	18.365	ug/l	100
74) N-amyl acetate	10.842	43	37783	20.848	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	28909	19.469	ug/l	97
76) 1,2,3-Trichloropropane	11.238	75	25192m	21.509	ug/l	
77) Bromobenzene	11.195	156	16328	17.922	ug/l	95
78) n-propylbenzene	11.305	91	94473	19.438	ug/l	97
79) 2-Chlorotoluene	11.366	91	54336	18.571	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	64003	18.852	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	6769	20.020	ug/l	94
82) 4-Chlorotoluene	11.457	91	65864	19.613	ug/l	98
83) tert-Butylbenzene	11.713	119	58439	17.988	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	65106	19.218	ug/l	98
85) sec-Butylbenzene	11.890	105	78333	18.199	ug/l	98
86) p-Isopropyltoluene	12.006	119	61432	17.478	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	32624	17.751	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	34479	18.326	ug/l	97
89) n-Butylbenzene	12.329	91	62183	18.228	ug/l	93
90) Hexachloroethane	12.536	117	9755	17.962	ug/l	91
91) 1,2-Dichlorobenzene	12.335	146	31927	18.017	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	6633	19.706	ug/l	95
93) 1,2,4-Trichlorobenzene	13.591	180	18423	16.631	ug/l	100
94) Hexachlorobutadiene	13.725	225	6082	13.938	ug/l	98
95) Naphthalene	13.774	128	69990	18.602	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	18374	16.776	ug/l	99

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

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