

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101524\
 Data File : VX043393.D
 Acq On : 15 Oct 2024 10:28
 Operator : JC/MD
 Sample : VX1015WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1015WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/16/2024
 Supervised By : Mahesh Dadoda 10/16/2024

Quant Time: Oct 16 07:18:04 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	5.544	168	94177	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	163248	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	138792	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	64769	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	82375	53.558	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.120%			
35) Dibromofluoromethane	5.379	113	59250	52.628	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.260%			
50) Toluene-d8	8.647	98	196618	50.396	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.800%			
62) 4-Bromofluorobenzene	11.079	95	74341	52.449	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 104.900%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	22139	20.210	ug/l	99
3) Chloromethane	1.294	50	22068	19.560	ug/l	95
4) Vinyl Chloride	1.374	62	23141	20.477	ug/l	98
5) Bromomethane	1.599	94	9638	20.875	ug/l	98
6) Chloroethane	1.666	64	8918	21.191	ug/l	95
7) Trichlorofluoromethane	1.867	101	35219	20.858	ug/l	100
8) Diethyl Ether	2.136	74	14248	21.684	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.319	101	22474	21.329	ug/l	99
10) Methyl Iodide	2.447	142	26795	20.246	ug/l	99
11) Tert butyl alcohol	2.995	59	33618	114.861	ug/l	98
12) 1,1-Dichloroethene	2.312	96	20697	19.780	ug/l	100
13) Acrolein	2.239	56	23885	86.402	ug/l	100
14) Allyl chloride	2.660	41	36146	21.027	ug/l	98
15) Acrylonitrile	3.068	53	63848	106.833	ug/l	98
16) Acetone	2.386	43	71817	111.812	ug/l	97
17) Carbon Disulfide	2.501	76	44038	17.303	ug/l	98
18) Methyl Acetate	2.703	43	32856	20.391	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	82789	22.115	ug/l	99
20) Methylene Chloride	2.788	84	23748	20.053	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	21885	21.016	ug/l	93
22) Diisopropyl ether	3.757	45	76139	22.021	ug/l	96
23) Vinyl Acetate	3.721	43	340312	92.621	ug/l	100
24) 1,1-Dichloroethane	3.605	63	43445	21.568	ug/l	99
25) 2-Butanone	4.562	43	97464	110.668	ug/l	100
26) 2,2-Dichloropropane	4.471	77	41320	21.560	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	27949	21.520	ug/l	99
28) Bromochloromethane	4.897	49	15276	19.223	ug/l	99
29) Tetrahydrofuran	5.001	42	59701	106.412	ug/l	99
30) Chloroform	5.086	83	47716	21.571	ug/l	99
31) Cyclohexane	5.458	56	35068	21.130	ug/l	93
32) 1,1,1-Trichloroethane	5.379	97	43460	21.390	ug/l	99
36) 1,1-Dichloropropene	5.684	75	29982	21.080	ug/l	100
37) Ethyl Acetate	4.714	43	37352	21.869	ug/l	98
38) Carbon Tetrachloride	5.666	117	35190	20.900	ug/l	100
39) Methylcyclohexane	7.373	83	39126	21.873	ug/l	99
40) Benzene	6.031	78	91496	21.218	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	19944	22.432	ug/l	98
42) 1,2-Dichloroethane	6.080	62	39058	22.227	ug/l	100
43) Isopropyl Acetate	6.336	43	61296	21.728	ug/l	100
44) Trichloroethene	7.123	130	24091	21.063	ug/l	98
45) 1,2-Dichloropropane	7.427	63	22986	21.721	ug/l	93
46) Dibromomethane	7.580	93	18255	21.527	ug/l	99
47) Bromodichloromethane	7.818	83	34391	20.629	ug/l	98
48) Methyl methacrylate	7.696	41	28986	20.941	ug/l	98
49) 1,4-Dioxane	7.665	88	11902	442.334	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	183000	106.805	ug/l	98
52) Toluene	8.714	92	58359	21.594	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	35874	21.654	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	37527	21.120	ug/l	98
55) 1,1,2-Trichloroethane	9.147	97	23694	22.060	ug/l	98
56) Ethyl methacrylate	9.116	69	38883	22.143	ug/l	99
57) 1,3-Dichloropropane	9.305	76	40631	22.211	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	83942	106.052	ug/l	99
59) 2-Hexanone	9.427	43	141055	108.864	ug/l	100
60) Dibromochloromethane	9.518	129	25322	20.322	ug/l	100
61) 1,2-Dibromoethane	9.604	107	24747	21.445	ug/l	99
64) Tetrachloroethene	9.269	164	21553	22.380	ug/l	94
65) Chlorobenzene	10.079	112	63151	21.164	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.159	131	22901	21.705	ug/l	99
67) Ethyl Benzene	10.189	91	110945	21.511	ug/l	100
68) m/p-Xylenes	10.299	106	83051	42.610	ug/l	100
69) o-Xylene	10.640	106	41106	21.224	ug/l	100
70) Styrene	10.652	104	66633	21.229	ug/l	99
71) Bromoform	10.799	173	15643	19.354	ug/l #	98
73) Isopropylbenzene	10.957	105	107036	21.256	ug/l	100
74) N-amyl acetate	10.841	43	49554	20.730	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.213	83	35958	21.920	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	30047m	20.915	ug/l	
77) Bromobenzene	11.195	156	25289	20.637	ug/l	99
78) n-propylbenzene	11.305	91	118732	21.478	ug/l	100
79) 2-Chlorotoluene	11.360	91	75411	21.219	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	89589	21.568	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	10947	19.748	ug/l	96
82) 4-Chlorotoluene	11.451	91	85935	21.226	ug/l	99
83) tert-Butylbenzene	11.713	119	89828	20.990	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	90744	21.712	ug/l	99
85) sec-Butylbenzene	11.890	105	109367	21.558	ug/l	100
86) p-Isopropyltoluene	12.006	119	92085	21.756	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	45995	21.307	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	45533	20.459	ug/l	98
89) n-Butylbenzene	12.329	91	77641	21.911	ug/l	98
90) Hexachloroethane	12.536	117	15158	19.096	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	46036	20.853	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	7957	19.867	ug/l	95
93) 1,2,4-Trichlorobenzene	13.591	180	26928	21.158	ug/l	98
94) Hexachlorobutadiene	13.725	225	10965	21.733	ug/l	96
95) Naphthalene	13.774	128	98215	20.992	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	27673	21.074	ug/l	98

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

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