

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101624\
 Data File : VX043418.D
 Acq On : 16 Oct 2024 12:51
 Operator : JC/MD
 Sample : VX1016WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1016WBSD01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 10/17/2024
 Supervised By :Semsettin Yesilyurt 10/17/2024

Quant Time: Oct 17 01:52:35 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	5.550	168	91096	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	158050	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	136224	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	62736	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	74443	50.038	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.080%			
35) Dibromofluoromethane	5.379	113	53260	48.863	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.720%			
50) Toluene-d8	8.647	98	179254	47.456	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 94.920%			
62) 4-Bromofluorobenzene	11.079	95	66866	48.727	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 97.460%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	20586	19.428	ug/l	98
3) Chloromethane	1.300	50	20702	18.970	ug/l	99
4) Vinyl Chloride	1.374	62	21392	19.570	ug/l	98
5) Bromomethane	1.599	94	9013	20.182	ug/l	97
6) Chloroethane	1.666	64	9954	24.453	ug/l	96
7) Trichlorofluoromethane	1.874	101	33636	20.595	ug/l	95
8) Diethyl Ether	2.136	74	13370	21.036	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.319	101	21179	20.780	ug/l	97
10) Methyl Iodide	2.447	142	24384	19.048	ug/l	99
11) Tert butyl alcohol	2.989	59	33530	118.435	ug/l	98
12) 1,1-Dichloroethene	2.312	96	19301	19.070	ug/l	96
13) Acrolein	2.239	56	28663	107.193	ug/l	100
14) Allyl chloride	2.660	41	33967	20.428	ug/l	99
15) Acrylonitrile	3.068	53	61553	106.476	ug/l	99
16) Acetone	2.386	43	68984	111.033	ug/l	97
17) Carbon Disulfide	2.501	76	38433	15.612	ug/l	98
18) Methyl Acetate	2.703	43	32772	21.027	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	77950	21.527	ug/l	99
20) Methylene Chloride	2.782	84	22466	19.612	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	20089	19.944	ug/l	97
22) Diisopropyl ether	3.757	45	73259	21.904	ug/l	91
23) Vinyl Acetate	3.721	43	322638	90.943	ug/l	100
24) 1,1-Dichloroethane	3.605	63	40901	20.992	ug/l	100
25) 2-Butanone	4.562	43	94333	110.736	ug/l	100
26) 2,2-Dichloropropane	4.465	77	38413	20.721	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	25568	20.353	ug/l	97
28) Bromochloromethane	4.891	49	13367	17.389	ug/l #	10
29) Tetrahydrofuran	5.001	42	57639	106.211	ug/l	99
30) Chloroform	5.092	83	44765	20.921	ug/l	96
31) Cyclohexane	5.458	56	32761	20.408	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	40646	20.682	ug/l	99
36) 1,1-Dichloropropene	5.684	75	27661	20.088	ug/l	100
37) Ethyl Acetate	4.714	43	36203	21.893	ug/l	99
38) Carbon Tetrachloride	5.672	117	32109	19.698	ug/l	99
39) Methylcyclohexane	7.373	83	35893	20.725	ug/l	94
40) Benzene	6.031	78	86826	20.797	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	19360	22.491	ug/l	98
42) 1,2-Dichloroethane	6.086	62	37990	22.331	ug/l	99
43) Isopropyl Acetate	6.342	43	59184	21.669	ug/l	99
44) Trichloroethene	7.123	130	22488	20.308	ug/l	99
45) 1,2-Dichloropropane	7.427	63	21739	21.218	ug/l	100
46) Dibromomethane	7.580	93	17474	21.284	ug/l	97
47) Bromodichloromethane	7.818	83	32624	20.212	ug/l	99
48) Methyl methacrylate	7.696	41	28818	21.504	ug/l	99
49) 1,4-Dioxane	7.665	88	10936	419.800	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	179949	108.479	ug/l	99
52) Toluene	8.714	92	55019	21.027	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	33983	21.188	ug/l	99
54) cis-1,3-Dichloropropene	8.360	75	35999	20.927	ug/l	98
55) 1,1,2-Trichloroethane	9.147	97	22715	21.844	ug/l	96
56) Ethyl methacrylate	9.116	69	37478	22.045	ug/l	99
57) 1,3-Dichloropropane	9.305	76	39082	22.067	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	74972	97.835	ug/l	99
59) 2-Hexanone	9.433	43	137896	109.926	ug/l	100
60) Dibromochloromethane	9.518	129	23746	19.684	ug/l	99
61) 1,2-Dibromoethane	9.610	107	23972	21.456	ug/l	99
64) Tetrachloroethene	9.269	164	19805	20.952	ug/l	95
65) Chlorobenzene	10.079	112	60166	20.544	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	21103	20.378	ug/l	96
67) Ethyl Benzene	10.189	91	104682	20.680	ug/l	99
68) m/p-Xylenes	10.299	106	79627	41.624	ug/l	99
69) o-Xylene	10.640	106	38989	20.510	ug/l	100
70) Styrene	10.652	104	64992	21.096	ug/l	98
71) Bromoform	10.799	173	14564	18.359	ug/l #	99
73) Isopropylbenzene	10.957	105	101584	20.827	ug/l	99
74) N-amyl acetate	10.841	43	47773	20.633	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.213	83	34750	21.870	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	29675m	21.325	ug/l	
77) Bromobenzene	11.195	156	23634	19.911	ug/l	94
78) n-propylbenzene	11.305	91	113483	21.194	ug/l	100
79) 2-Chlorotoluene	11.366	91	71584	20.795	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	85865	21.341	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	10307	19.196	ug/l	95
82) 4-Chlorotoluene	11.451	91	81925	20.891	ug/l	99
83) tert-Butylbenzene	11.713	119	85649	20.662	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	85517	21.124	ug/l	99
85) sec-Butylbenzene	11.890	105	102923	20.945	ug/l	100
86) p-Isopropyltoluene	12.006	119	85995	20.976	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	43654	20.878	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	43494	20.176	ug/l	99
89) n-Butylbenzene	12.329	91	70943	20.669	ug/l	99
90) Hexachloroethane	12.536	117	14332	18.640	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	43595	20.387	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	7675	19.784	ug/l	93
93) 1,2,4-Trichlorobenzene	13.585	180	25424	20.624	ug/l	99
94) Hexachlorobutadiene	13.725	225	10667	21.828	ug/l	100
95) Naphthalene	13.774	128	92616	20.437	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	25979	20.425	ug/l	95

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

