

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092624\
 Data File : VX043168.D
 Acq On : 26 Sep 2024 11:20
 Operator : JC/MD
 Sample : VX0926WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0926WBSD01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 09/27/2024
 Supervised By :Semsettin Yesilyurt 09/27/2024

Quant Time: Sep 27 01:39:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092324W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 24 03:13:52 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	102504	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	177063	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	162098	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	82249	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	85879	50.439	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.880%			
35) Dibromofluoromethane	5.385	113	64074	51.298	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.600%			
50) Toluene-d8	8.647	98	219050	51.836	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.680%			
62) 4-Bromofluorobenzene	11.079	95	90509	53.184	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 106.360%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	19424	17.769	ug/l	100
3) Chloromethane	1.301	50	18803	16.848	ug/l	97
4) Vinyl Chloride	1.374	62	20141	17.767	ug/l	98
5) Bromomethane	1.605	94	13920	21.344	ug/l	97
6) Chloroethane	1.685	64	13176	18.153	ug/l	97
7) Trichlorofluoromethane	1.886	101	36400	18.089	ug/l	99
8) Diethyl Ether	2.136	74	12947	19.164	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	22003	19.373	ug/l	97
10) Methyl Iodide	2.453	142	24630	18.246	ug/l	98
11) Tert butyl alcohol	2.959	59	37809	99.456	ug/l	99
12) 1,1-Dichloroethene	2.319	96	20127	18.527	ug/l	96
13) Acrolein	2.239	56	4051	80.883	ug/l	93
14) Allyl chloride	2.660	41	36412	18.051	ug/l	99
15) Acrylonitrile	3.062	53	65517	99.353	ug/l	99
16) Acetone	2.380	43	69472	87.248	ug/l	99
17) Carbon Disulfide	2.514	76	43763	16.206	ug/l	99
18) Methyl Acetate	2.703	43	47918	22.359	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	80842	19.530	ug/l	96
20) Methylene Chloride	2.788	84	23137	18.264	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	20609	18.334	ug/l	96
22) Diisopropyl ether	3.757	45	74435	19.707	ug/l #	81
23) Vinyl Acetate	3.721	43	430413	96.868	ug/l	100
24) 1,1-Dichloroethane	3.611	63	41777	19.130	ug/l	99
25) 2-Butanone	4.556	43	99629	97.063	ug/l	97
26) 2,2-Dichloropropane	4.471	77	38889	17.594	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	26493	18.932	ug/l	99
28) Bromochloromethane	4.897	49	21927	22.809	ug/l	94
29) Tetrahydrofuran	5.001	42	61134	99.036	ug/l	99
30) Chloroform	5.093	83	46191	19.183	ug/l	97
31) Cyclohexane	5.471	56	31841	19.016	ug/l	96
32) 1,1,1-Trichloroethane	5.379	97	41655	18.262	ug/l	99
36) 1,1-Dichloropropene	5.690	75	29031	18.915	ug/l	98
37) Ethyl Acetate	4.715	43	35150	18.233	ug/l	98
38) Carbon Tetrachloride	5.678	117	34394	17.396	ug/l	100
39) Methylcyclohexane	7.379	83	34828	18.081	ug/l	96
40) Benzene	6.037	78	86534	19.107	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	20200	21.077	ug/l	99
42) 1,2-Dichloroethane	6.086	62	36967	19.224	ug/l	99
43) Isopropyl Acetate	6.336	43	62309	19.351	ug/l	100
44) Trichloroethene	7.129	130	22373	18.055	ug/l	99
45) 1,2-Dichloropropane	7.427	63	22063	19.559	ug/l	98
46) Dibromomethane	7.580	93	18314	19.281	ug/l	98
47) Bromodichloromethane	7.824	83	37486	18.979	ug/l	97
48) Methyl methacrylate	7.690	41	29801	18.842	ug/l	99
49) 1,4-Dioxane	7.659	88	13516	452.691	ug/l	97
51) 4-Methyl-2-Pentanone	8.568	43	199046	100.622	ug/l	99
52) Toluene	8.714	92	55789	19.128	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	37274	18.383	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	39193	19.355	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	23996	19.982	ug/l	99
56) Ethyl methacrylate	9.116	69	40749	19.500	ug/l	100
57) 1,3-Dichloropropane	9.305	76	40073	19.620	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	85122	100.745	ug/l	99
59) 2-Hexanone	9.427	43	155367	100.446	ug/l	100
60) Dibromochloromethane	9.519	129	29331	18.703	ug/l	100
61) 1,2-Dibromoethane	9.610	107	25689	19.551	ug/l	99
64) Tetrachloroethene	9.269	164	20130	17.140	ug/l	97
65) Chlorobenzene	10.079	112	66114	18.907	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	23469	18.196	ug/l	99
67) Ethyl Benzene	10.189	91	114346	18.904	ug/l	100
68) m/p-Xylenes	10.299	106	84956	37.740	ug/l	99
69) o-Xylene	10.640	106	43027	19.057	ug/l	97
70) Styrene	10.653	104	72407	19.226	ug/l	99
71) Bromoform	10.799	173	19913	17.553	ug/l #	99
73) Isopropylbenzene	10.963	105	113215	18.354	ug/l	100
74) N-amyl acetate	10.842	43	54244	18.716	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.213	83	38037	19.163	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	33515m	19.166	ug/l	
77) Bromobenzene	11.195	156	27061	18.275	ug/l	97
78) n-propylbenzene	11.305	91	129775	18.544	ug/l	100
79) 2-Chlorotoluene	11.366	91	79605	18.136	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	93561	18.333	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	12504	17.037	ug/l	98
82) 4-Chlorotoluene	11.451	91	93864	18.709	ug/l	100
83) tert-Butylbenzene	11.713	119	95397	18.140	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	93883	18.490	ug/l	100
85) sec-Butylbenzene	11.890	105	116912	18.088	ug/l	99
86) p-Isopropyltoluene	12.006	119	100385	18.708	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	51224	18.972	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	51971	19.195	ug/l	98
89) n-Butylbenzene	12.329	91	89363	19.109	ug/l	100
90) Hexachloroethane	12.536	117	18219	17.037	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	50240	18.894	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	9294	17.319	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	31429	19.065	ug/l	98
94) Hexachlorobutadiene	13.725	225	12032	17.371	ug/l	99
95) Naphthalene	13.774	128	109616	19.130	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	30930	18.884	ug/l	99

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

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