

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102824\
 Data File : VX043566.D
 Acq On : 28 Oct 2024 16:28
 Operator : JC/MD
 Sample : VX1028WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1028WBS01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 10/29/2024
 Supervised By :Mahesh Dadoda 10/29/2024

Quant Time: Oct 29 03:24:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 28 13:41:34 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.543	168	89386	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	169877	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	157812	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	75090	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	76053	53.360	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.720%			
35) Dibromofluoromethane	5.379	113	58614	50.883	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.760%			
50) Toluene-d8	8.646	98	199053	49.919	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.840%			
62) 4-Bromofluorobenzene	11.079	95	79102	53.534	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 107.060%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	19660	20.567	ug/l	97
3) Chloromethane	1.294	50	24893	20.371	ug/l	99
4) Vinyl Chloride	1.373	62	22565	19.897	ug/l	97
5) Bromomethane	1.593	94	10389	22.471	ug/l	93
6) Chloroethane	1.660	64	8581	21.477	ug/l	98
7) Trichlorofluoromethane	1.867	101	28002	20.212	ug/l	99
8) Diethyl Ether	2.135	74	14741	23.028	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.312	101	18616	19.868	ug/l	97
10) Methyl Iodide	2.440	142	30153	22.275	ug/l	98
11) Tert butyl alcohol	2.995	59	38355	144.176	ug/l #	100
12) 1,1-Dichloroethene	2.306	96	19285	20.141	ug/l	95
13) Acrolein	2.233	56	22628	108.766	ug/l	95
14) Allyl chloride	2.654	41	35923	21.691	ug/l	100
15) Acrylonitrile	3.068	53	77175	128.490	ug/l	99
16) Acetone	2.385	43	70507	124.574	ug/l	99
17) Carbon Disulfide	2.495	76	37329	18.644	ug/l	99
18) Methyl Acetate	2.702	43	40432	24.443	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	82556	22.672	ug/l	99
20) Methylene Chloride	2.782	84	26591	21.799	ug/l	97
21) trans-1,2-Dichloroethene	3.080	96	21385	21.140	ug/l	93
22) Diisopropyl ether	3.757	45	78604	22.963	ug/l #	83
23) Vinyl Acetate	3.721	43	334160	118.160	ug/l	100
24) 1,1-Dichloroethane	3.599	63	41220	20.951	ug/l	95
25) 2-Butanone	4.562	43	107580	130.303	ug/l	93
26) 2,2-Dichloropropane	4.464	77	32482	20.169	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	28555	22.098	ug/l	100
28) Bromochloromethane	4.891	49	22441	23.977	ug/l	96
29) Tetrahydrofuran	5.007	42	69249	129.067	ug/l	98
30) Chloroform	5.086	83	45572	22.096	ug/l	94
31) Cyclohexane	5.464	56	30526	20.285	ug/l	91
32) 1,1,1-Trichloroethane	5.373	97	34962	20.191	ug/l	99
36) 1,1-Dichloropropene	5.684	75	26125	19.126	ug/l	98
37) Ethyl Acetate	4.720	43	39848	24.030	ug/l	100
38) Carbon Tetrachloride	5.665	117	28574	18.933	ug/l	99
39) Methylcyclohexane	7.372	83	32824	19.355	ug/l	97
40) Benzene	6.031	78	95386	20.933	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	21706	24.937	ug/l	98
42) 1,2-Dichloroethane	6.080	62	36489	22.274	ug/l	100
43) Isopropyl Acetate	6.342	43	60518	22.067	ug/l	98
44) Trichloroethene	7.122	130	22100	19.522	ug/l	98
45) 1,2-Dichloropropane	7.427	63	24524	21.857	ug/l	92
46) Dibromomethane	7.580	93	18730	21.680	ug/l	99
47) Bromodichloromethane	7.817	83	32627	21.528	ug/l #	96
48) Methyl methacrylate	7.695	41	29706	22.847	ug/l	97
49) 1,4-Dioxane	7.665	88	13673	511.849	ug/l	99
51) 4-Methyl-2-Pentanone	8.573	43	204608	122.411	ug/l	99
52) Toluene	8.714	92	56583	20.475	ug/l	96
53) t-1,3-Dichloropropene	8.976	75	33342	20.483	ug/l	95
54) cis-1,3-Dichloropropene	8.366	75	36930	21.293	ug/l	97
55) 1,1,2-Trichloroethane	9.152	97	25717	22.357	ug/l	97
56) Ethyl methacrylate	9.116	69	41332	22.113	ug/l	97
57) 1,3-Dichloropropane	9.305	76	44147	23.075	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.238	63	92089	101.729	ug/l	99
59) 2-Hexanone	9.433	43	158259	124.663	ug/l	99
60) Dibromochloromethane	9.518	129	23590	20.710	ug/l	99
61) 1,2-Dibromoethane	9.610	107	25952	21.734	ug/l	99
64) Tetrachloroethene	9.268	164	17810	17.944	ug/l	93
65) Chlorobenzene	10.079	112	67946	20.012	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.158	131	22810	20.568	ug/l	99
67) Ethyl Benzene	10.195	91	103630	18.718	ug/l	98
68) m/p-Xylenes	10.299	106	82134	38.794	ug/l	96
69) o-Xylene	10.640	106	42487	19.973	ug/l	99
70) Styrene	10.658	104	72734	20.572	ug/l	99
71) Bromoform	10.799	173	15134	18.980	ug/l #	97
73) Isopropylbenzene	10.963	105	97960	18.416	ug/l	100
74) N-amyl acetate	10.841	43	53588	20.681	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	41010	21.441	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	33160m	20.654	ug/l	
77) Bromobenzene	11.195	156	27684	20.156	ug/l	97
78) n-propylbenzene	11.305	91	107813	18.590	ug/l	99
79) 2-Chlorotoluene	11.366	91	75722	19.690	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	86577	19.521	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	10596	18.156	ug/l	92
82) 4-Chlorotoluene	11.451	91	86872	20.126	ug/l	99
83) tert-Butylbenzene	11.713	119	84351	18.701	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	90150	19.946	ug/l	99
85) sec-Butylbenzene	11.890	105	97232	18.391	ug/l	98
86) p-Isopropyltoluene	12.006	119	83892	18.668	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	49653	20.170	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	50625	19.846	ug/l	98
89) n-Butylbenzene	12.335	91	65574	17.907	ug/l	100
90) Hexachloroethane	12.536	117	12545	17.186	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	52614	20.901	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	8037	20.611	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	28926	18.931	ug/l	96
94) Hexachlorobutadiene	13.725	225	9122	16.192	ug/l	94
95) Naphthalene	13.774	128	118476	20.262	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	30021	18.635	ug/l	95

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

