

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102324\
 Data File : VX043480.D
 Acq On : 23 Oct 2024 08:59
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Quant Time: Oct 24 04:26:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102324W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 24 04:25:37 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/24/2024
 Supervised By :Semsettin Yesilyurt 10/24/2024

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

Internal Standards						
1) Pentafluorobenzene	5.549	168	74023	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	143050	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	124287	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	54502	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	6800	5.355	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	10.700%#		
35) Dibromofluoromethane	5.385	113	4815	4.893	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	9.780%#		
50) Toluene-d8	8.653	98	16820	4.870	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	9.740%#		
62) 4-Bromofluorobenzene	11.085	95	5932	4.497	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	9.000%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	4609	5.509	ug/l	95
3) Chloromethane	1.294	50	5797	5.267	ug/l	92
4) Vinyl Chloride	1.379	62	5476	5.613	ug/l	94
5) Bromomethane	1.599	94	2620	6.116	ug/l	100
6) Chloroethane	1.672	64	2289	6.154	ug/l	95
7) Trichlorofluoromethane	1.861	101	6910	5.081	ug/l	93
8) Diethyl Ether	2.141	74	2944	5.114	ug/l	83
9) 1,1,2-Trichlorotrifluo...	2.318	101	4249	5.251	ug/l	98
10) Methyl Iodide	2.440	142	4698	4.480	ug/l	99
11) Tert butyl alcohol	3.013	59	4345m	24.017	ug/l	
12) 1,1-Dichloroethene	2.312	96	4300	5.330	ug/l	96
13) Acrolein	2.245	56	4699	25.513	ug/l	97
14) Allyl chloride	2.660	41	7596	4.866	ug/l	98
15) Acrylonitrile	3.080	53	10871	24.845	ug/l	98
16) Acetone	2.398	43	13140	27.782	ug/l	91
17) Carbon Disulfide	2.507	76	7988	4.629	ug/l #	92
18) Methyl Acetate	2.715	43	7209	5.500	ug/l	94
19) Methyl tert-butyl Ether	3.129	73	15707	5.277	ug/l	94
20) Methylene Chloride	2.794	84	5785	5.489	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	4793	5.118	ug/l	94
22) Diisopropyl ether	3.775	45	16410	5.192	ug/l	93
23) Vinyl Acetate	3.733	43	56257	25.251	ug/l	97
24) 1,1-Dichloroethane	3.611	63	9659	5.226	ug/l	95
25) 2-Butanone	4.592	43	17551	29.919	ug/l	98
26) 2,2-Dichloropropane	4.476	77	8693	5.634	ug/l	95
27) cis-1,2-Dichloroethene	4.489	96	6388	5.415	ug/l	94
28) Bromochloromethane	4.897	49	4227	5.295	ug/l #	93
29) Tetrahydrofuran	5.025	42	10757	26.438	ug/l	96
30) Chloroform	5.098	83	10799	5.325	ug/l	88
31) Cyclohexane	5.464	56	6881	5.290	ug/l #	95
32) 1,1,1-Trichloroethane	5.379	97	8016	4.957	ug/l	95
36) 1,1-Dichloropropene	5.696	75	6085	5.222	ug/l	99
37) Ethyl Acetate	4.732	43	7322m	5.610	ug/l	
38) Carbon Tetrachloride	5.677	117	6283	4.933	ug/l #	85
39) Methylcyclohexane	7.378	83	6780	4.876	ug/l #	80
40) Benzene	6.037	78	21558	5.370	ug/l	100

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 Supervised By :Semsettin Yesilyurt 10/24/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.946	41	3435m	5.993	ug/l	
42) 1,2-Dichloroethane	6.092	62	7660	5.340	ug/l	94
43) Isopropyl Acetate	6.354	43	10545	5.143	ug/l	98
44) Trichloroethene	7.128	130	5089	5.142	ug/l	93
45) 1,2-Dichloropropane	7.433	63	4910	5.315	ug/l #	85
46) Dibromomethane	7.580	93	3480	5.270	ug/l	95
47) Bromodichloromethane	7.823	83	6643	4.991	ug/l #	94
48) Methyl methacrylate	7.708	41	5108	5.765	ug/l	97
49) 1,4-Dioxane	7.683	88	1831	108.248	ug/l #	89
51) 4-Methyl-2-Pentanone	8.579	43	30989	25.242	ug/l	99
52) Toluene	8.720	92	12610	5.228	ug/l	97
53) t-1,3-Dichloropropene	8.988	75	5863	4.686	ug/l	93
54) cis-1,3-Dichloropropene	8.372	75	6626	4.714	ug/l #	88
55) 1,1,2-Trichloroethane	9.159	97	4387	5.075	ug/l	98
56) Ethyl methacrylate	9.128	69	6482	5.072	ug/l	94
57) 1,3-Dichloropropane	9.311	76	8135	5.414	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.250	63	13701	24.139	ug/l	98
59) 2-Hexanone	9.439	43	21691	24.753	ug/l	99
60) Dibromochloromethane	9.524	129	3669	4.329	ug/l	91
61) 1,2-Dibromoethane	9.616	107	4338	4.969	ug/l	99
64) Tetrachloroethene	9.274	164	4596	5.329	ug/l	96
65) Chlorobenzene	10.079	112	14492	5.282	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.164	131	4095	4.724	ug/l	89
67) Ethyl Benzene	10.195	91	22330	5.049	ug/l	100
68) m/p-Xylenes	10.305	106	16823	9.957	ug/l	95
69) o-Xylene	10.640	106	8737	5.120	ug/l	94
70) Styrene	10.658	104	13103	4.757	ug/l	96
71) Bromoform	10.798	173	2340	4.728	ug/l #	91
73) Isopropylbenzene	10.963	105	20145	5.137	ug/l	94
74) N-amyl acetate	10.847	43	8017	5.453	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	6320	5.220	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	5630m	5.067	ug/l	
77) Bromobenzene	11.201	156	5345	5.317	ug/l	98
78) n-propylbenzene	11.304	91	22028	4.951	ug/l	99
79) 2-Chlorotoluene	11.365	91	16536	5.412	ug/l	93
80) 1,3,5-Trimethylbenzene	11.451	105	18102	5.268	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	1349	4.558	ug/l	90
82) 4-Chlorotoluene	11.457	91	17078	4.825	ug/l	96
83) tert-Butylbenzene	11.713	119	17587	5.402	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	17635	5.009	ug/l	98
85) sec-Butylbenzene	11.890	105	19359	4.977	ug/l	99
86) p-Isopropyltoluene	12.012	119	16062	4.900	ug/l	94
87) 1,3-Dichlorobenzene	11.969	146	9098	4.804	ug/l	91
88) 1,4-Dichlorobenzene	12.042	146	10497	5.252	ug/l	94
89) n-Butylbenzene	12.335	91	12547	4.608	ug/l	98
90) Hexachloroethane	12.536	117	2399	4.600	ug/l	92
91) 1,2-Dichlorobenzene	12.341	146	9755	5.152	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.944	75	1138	5.230	ug/l	92
93) 1,2,4-Trichlorobenzene	13.591	180	4599	4.287	ug/l	97
94) Hexachlorobutadiene	13.725	225	2023	4.979	ug/l	86
95) Naphthalene	13.774	128	14131	4.236	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	5062	4.761	ug/l	98

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

