

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101624\
 Data File : VX043417.D
 Acq On : 16 Oct 2024 12:21
 Operator : JC/MD
 Sample : VX1016WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1016WBS01

Quant Time: Oct 17 01:51:32 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	91594	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	161557	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	140559	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	63493	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	75913	50.748	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.500%			
35) Dibromofluoromethane	5.385	113	54004	48.471	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.940%			
50) Toluene-d8	8.647	98	185092	47.938	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 95.880%			
62) 4-Bromofluorobenzene	11.079	95	68808	49.054	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 98.100%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	20446	19.191	ug/l	100
3) Chloromethane	1.294	50	22781	20.761	ug/l	99
4) Vinyl Chloride	1.374	62	22262	20.255	ug/l	97
5) Bromomethane	1.599	94	9533	21.230	ug/l	100
6) Chloroethane	1.666	64	9327	22.788	ug/l	100
7) Trichlorofluoromethane	1.874	101	34123	20.779	ug/l	98
8) Diethyl Ether	2.136	74	13248	20.730	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.319	101	20029	19.544	ug/l	99
10) Methyl Iodide	2.447	142	24464	19.006	ug/l	99
11) Tert butyl alcohol	2.995	59	33784	118.684	ug/l	97
12) 1,1-Dichloroethene	2.313	96	19517	19.179	ug/l	97
13) Acrolein	2.239	56	28466	105.878	ug/l	99
14) Allyl chloride	2.660	41	34204	20.458	ug/l	99
15) Acrylonitrile	3.069	53	62103	106.844	ug/l	99
16) Acetone	2.392	43	70906	113.506	ug/l	98
17) Carbon Disulfide	2.508	76	39211	15.841	ug/l	96
18) Methyl Acetate	2.709	43	32825	20.946	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	77465	21.277	ug/l	99
20) Methylene Chloride	2.788	84	23439	20.350	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	20663	20.402	ug/l	96
22) Diisopropyl ether	3.764	45	72425	21.537	ug/l	96
23) Vinyl Acetate	3.721	43	317615	89.209	ug/l	99
24) 1,1-Dichloroethane	3.605	63	41005	20.931	ug/l	98
25) 2-Butanone	4.562	43	96262	112.386	ug/l	99
26) 2,2-Dichloropropane	4.471	77	39365	21.119	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	26061	20.632	ug/l	99
28) Bromochloromethane	4.897	49	13652	17.664	ug/l	97
29) Tetrahydrofuran	5.013	42	58128	106.530	ug/l	99
30) Chloroform	5.093	83	45424	21.114	ug/l	96
31) Cyclohexane	5.464	56	32365	20.051	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	41155	20.827	ug/l	100
36) 1,1-Dichloropropene	5.690	75	28536	20.274	ug/l	99
37) Ethyl Acetate	4.715	43	34904	20.650	ug/l	100
38) Carbon Tetrachloride	5.678	117	32804	19.687	ug/l	97
39) Methylcyclohexane	7.379	83	35003	19.773	ug/l	98
40) Benzene	6.031	78	86878	20.358	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	19722	22.415	ug/l	98
42) 1,2-Dichloroethane	6.086	62	37790	21.731	ug/l	98
43) Isopropyl Acetate	6.342	43	58237	20.859	ug/l	99
44) Trichloroethene	7.123	130	22839	20.178	ug/l	96
45) 1,2-Dichloropropane	7.428	63	22269	21.264	ug/l	98
46) Dibromomethane	7.580	93	17551	20.914	ug/l	98
47) Bromodichloromethane	7.818	83	32786	19.872	ug/l	99
48) Methyl methacrylate	7.696	41	28930	21.119	ug/l	98
49) 1,4-Dioxane	7.671	88	11727	440.392	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	181481	107.027	ug/l	99
52) Toluene	8.714	92	56372	21.077	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	34141	20.824	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	36068	20.512	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	22341	21.018	ug/l	98
56) Ethyl methacrylate	9.116	69	37352	21.494	ug/l	98
57) 1,3-Dichloropropane	9.305	76	39178	21.641	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	76377	97.505	ug/l	99
59) 2-Hexanone	9.433	43	138434	107.960	ug/l	100
60) Dibromochloromethane	9.519	129	23976	19.443	ug/l	100
61) 1,2-Dibromoethane	9.610	107	24209	21.198	ug/l	100
64) Tetrachloroethene	9.269	164	20037	20.544	ug/l	96
65) Chlorobenzene	10.079	112	62068	20.540	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.159	131	21518	20.138	ug/l	99
67) Ethyl Benzene	10.189	91	107549	20.591	ug/l	99
68) m/p-Xylenes	10.299	106	80850	40.960	ug/l	100
69) o-Xylene	10.640	106	39795	20.289	ug/l	99
70) Styrene	10.653	104	65619	20.643	ug/l	99
71) Bromoform	10.799	173	14316	17.490	ug/l #	96
73) Isopropylbenzene	10.963	105	103814	21.030	ug/l	99
74) N-amyl acetate	10.842	43	47503	20.271	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	34772	21.623	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	29668m	21.066	ug/l	
77) Bromobenzene	11.195	156	24966	20.782	ug/l	99
78) n-propylbenzene	11.305	91	115187	21.256	ug/l	99
79) 2-Chlorotoluene	11.366	91	72290	20.749	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	87028	21.372	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	10165	18.706	ug/l	95
82) 4-Chlorotoluene	11.451	91	83335	20.998	ug/l	100
83) tert-Butylbenzene	11.713	119	87385	20.830	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	85727	20.923	ug/l	98
85) sec-Butylbenzene	11.890	105	104025	20.917	ug/l	100
86) p-Isopropyltoluene	12.006	119	86384	20.819	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	43591	20.599	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	43005	19.711	ug/l	98
89) n-Butylbenzene	12.329	91	69271	19.942	ug/l	100
90) Hexachloroethane	12.536	117	14409	18.517	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	44598	20.608	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	7518	19.148	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	24441	19.590	ug/l	100
94) Hexachlorobutadiene	13.725	225	10078	20.376	ug/l	96
95) Naphthalene	13.774	128	89220	19.453	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	25188	19.567	ug/l	95

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

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