

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW051524\
 Data File : VW035601.D
 Acq On : 14 May 2024 10:12
 Operator : SY/MD
 Sample : VSTD00159
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD001259

Quant Time: May 15 02:02:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR051424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 15 02:01:14 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 05/15/2024
 Supervised By :Semsettin Yesilyurt 05/15/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	210108	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	223704	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	102712	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	13922	0.764	ug/L	0.00
7) Chloroethane-d5	1.529	69	12642	0.870	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.053	65	6103	0.780	ug/L	0.00
20) 2-Butanone-d5	3.928	46	29242m	9.107	ug/L	0.09
24) Chloroform-d	4.249	84	28821	0.963	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.957	65	12642	0.894	ug/L	0.01
32) Benzene-d6	4.963	84	46891	0.777	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.995	67	15753	0.834	ug/L	0.00
41) Toluene-d8	7.246	98	39804	0.736	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.571	79	4864	0.724	ug/L	0.02
46) 2-Hexanone-d5	8.043	63	18037m	6.357	ug/L	0.02
56) 1,1,2,2-Tetrachloroeth...	10.156	84	12487	0.853	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.561	152	16075	0.916	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	16909	0.886	ug/L	100
3) Chloromethane	1.214	50	18873	0.847	ug/L	95
5) Vinyl chloride	1.278	62	19199	0.874	ug/L	99
6) Bromomethane	1.484	94	12557	0.969	ug/L	99
8) Chloroethane	1.545	64	12187	0.898	ug/L	95
9) Trichlorofluoromethane	1.709	101	24336	0.924	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	15158	0.932	ug/L	97
12) 1,1-Dichloroethene	2.066	96	14636	0.940	ug/L	97
13) Acetone	2.188	43	22779m	10.022	ug/L	
14) Carbon disulfide	2.236	76	39186	0.811	ug/L	99
15) Methyl Acetate	2.400	43	5996m	1.026	ug/L	
16) Methylene chloride	2.445	84	24119	1.228	ug/L	99
17) Methyl tert-butyl Ether	2.706	73	30112	0.846	ug/L	97
18) trans-1,2-Dichloroethene	2.693	96	14320	0.895	ug/L	95
19) 1,1-Dichloroethane	3.111	63	29727	0.927	ug/L	97
21) 2-Butanone	3.969	43	29751m	8.258	ug/L	
22) cis-1,2-Dichloroethene	3.825	96	15144	0.916	ug/L	91
23) Bromochloromethane	4.153	128	7729	1.015	ug/L	93
25) Chloroform	4.281	83	31074	0.981	ug/L	97
27) 1,2-Dichloroethane	5.056	62	15904	0.862	ug/L	100
29) 1,1,1-Trichloroethane	4.513	97	24731	0.896	ug/L	99
30) Cyclohexane	4.574	56	16069	0.644	ug/L	98
31) Carbon tetrachloride	4.735	117	21627	0.912	ug/L	98
33) Benzene	5.014	78	50894	0.747	ug/L	100
34) Trichloroethene	5.841	95	16275	0.901	ug/L	100
35) Methylcyclohexane	6.047	83	18497	0.705	ug/L	100
37) 1,2-Dichloropropane	6.098	63	14206	0.791	ug/L	98
38) Bromodichloromethane	6.439	83	20707	0.933	ug/L	100
39) cis-1,3-Dichloropropene	6.966	75	16314	0.688	ug/L	99
40) 4-Methyl-2-pentanone	7.165	43	61456m	6.598	ug/L	
42) Toluene	7.317	91	52799	0.746	ug/L	97
44) trans-1,3-Dichloropropene	7.596	75	14603	0.750	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.776	97	11895	0.931	ug/L	95
47) Tetrachloroethene	7.905	164	12363	0.860	ug/L	94
48) 2-Hexanone	8.088	43	44562m	6.460	ug/L	
49) Dibromochloromethane	8.178	129	12894	0.959	ug/L	98
50) 1,2-Dibromoethane	8.288	107	10856	0.904	ug/L	91
51) Chlorobenzene	8.815	112	39806	0.859	ug/L	99
52) Ethylbenzene	8.947	91	52170	0.696	ug/L	100
53) m,p-Xylene	9.075	106	19442	0.697	ug/L	98
54) o-Xylene	9.477	106	17763	0.661	ug/L	96
55) Styrene	9.500	104	27952	0.615	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.178	83	12299	0.806	ug/L	98
59) Bromoform	9.670	173	7204	1.147	ug/L #	97
60) Isopropylbenzene	9.866	105	48407	0.762	ug/L	98
61) 1,2,3-Trichloropropane	10.214	75	9711	0.964	ug/L #	93
62) 1,3,5-Trimethylbenzene	10.474	105	35294	0.694	ug/L	98
63) 1,2,4-Trimethylbenzene	10.850	105	34090	0.677	ug/L	98
64) 1,3-Dichlorobenzene	11.120	146	28358	0.870	ug/L	97
65) 1,4-Dichlorobenzene	11.207	146	30783	0.903	ug/L	96
67) 1,2-Dichlorobenzene	11.580	146	27299	0.900	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.368	75	1929	0.962	ug/L #	76
69) 1,3,5-Trichlorobenzene	12.583	180	20944	0.854	ug/L	95
70) 1,2,4-trichlorobenzene	13.201	180	16368	0.801	ug/L	99
71) Naphthalene	13.442	128	20507	0.693	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	14432	0.790	ug/L	97

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

