

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW091024\
 Data File : VW037240.D
 Acq On : 10 Sep 2024 09:31
 Operator : SY/MD
 Sample : VSTD00169
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD001269

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 09/11/2024
 Supervised By :Mahesh Dadoda 09/11/2024

Quant Time: Sep 11 04:36:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 11 04:34:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	321897	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	320780	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	156886	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	17947	0.950	ug/L	0.00
7) Chloroethane-d5	1.529	69	18298	0.929	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.056	65	9250	0.948	ug/L	0.00
20) 2-Butanone-d5	3.870	46	50028m	9.762	ug/L	0.05
24) Chloroform-d	4.249	84	43598	0.951	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.953	65	19993	0.931	ug/L	0.02
32) Benzene-d6	4.963	84	78592	0.914	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.992	67	24302	0.871	ug/L	0.00
41) Toluene-d8	7.243	98	68530	0.884	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.567	79	7383	0.839	ug/L	0.01
46) 2-Hexanone-d5	8.040	63	34396m	8.330	ug/L	0.02
56) 1,1,2,2-Tetrachloroeth...	10.149	84	20012	0.918	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.561	152	27006	0.968	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	29653	0.992	ug/L	100
3) Chloromethane	1.214	50	32044	1.004	ug/L	100
5) Vinyl chloride	1.282	62	31366	1.000	ug/L	98
6) Bromomethane	1.487	94	18535	0.985	ug/L	98
8) Chloroethane	1.548	64	19435	1.031	ug/L	97
9) Trichlorofluoromethane	1.709	101	38386	0.984	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	23372	0.989	ug/L	97
12) 1,1-Dichloroethene	2.066	96	22941	1.017	ug/L	94
13) Acetone	2.143	43	40861	10.869	ug/L	96
14) Carbon disulfide	2.236	76	68860	0.968	ug/L	99
15) Methyl Acetate	2.400	43	8367	0.944	ug/L #	83
16) Methylene chloride	2.445	84	26603	1.026	ug/L	97
17) Methyl tert-butyl Ether	2.703	73	50848	0.948	ug/L	98
18) trans-1,2-Dichloroethene	2.693	96	23367	0.985	ug/L	99
19) 1,1-Dichloroethane	3.108	63	45126	0.996	ug/L	98
21) 2-Butanone	3.950	43	53283m	9.612	ug/L	
22) cis-1,2-Dichloroethene	3.822	96	24421	0.952	ug/L	88
23) Bromochloromethane	4.162	128	11078	0.997	ug/L	91
25) Chloroform	4.278	83	46236	1.013	ug/L	100
27) 1,2-Dichloroethane	5.053	62	24270	0.939	ug/L	96
29) 1,1,1-Trichloroethane	4.503	97	37554	0.987	ug/L	96
30) Cyclohexane	4.574	56	34430	0.933	ug/L	97
31) Carbon tetrachloride	4.732	117	31320	0.967	ug/L	98
33) Benzene	5.008	78	95542	0.988	ug/L	100
34) Trichloroethene	5.838	95	24833	0.953	ug/L	97
35) Methylcyclohexane	6.047	83	37373	0.944	ug/L	99
37) 1,2-Dichloropropane	6.095	63	21989	0.924	ug/L	98
38) Bromodichloromethane	6.439	83	29596	0.961	ug/L	99
39) cis-1,3-Dichloropropene	6.963	75	31815	0.914	ug/L	99
40) 4-Methyl-2-pentanone	7.162	43	130007	9.306	ug/L	98
42) Toluene	7.317	91	97328	0.968	ug/L	98
44) trans-1,3-Dichloropropene	7.593	75	25405	0.896	ug/L	98

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

45) 1,1,2-Trichloroethane	7.770	97	17087	0.971	ug/L	93
47) Tetrachloroethene	7.905	164	18445	0.989	ug/L	90
48) 2-Hexanone	8.088	43	97456m	10.126	ug/L	
49) Dibromochloromethane	8.175	129	17405	0.944	ug/L	98
50) 1,2-Dibromoethane	8.288	107	15681	0.943	ug/L #	93
51) Chlorobenzene	8.812	112	66987	1.001	ug/L	95
52) Ethylbenzene	8.947	91	105406	0.939	ug/L	99
53) m,p-Xylene	9.072	106	38941	0.943	ug/L	98
54) o-Xylene	9.474	106	38288	0.937	ug/L	98
55) Styrene	9.500	104	60309	0.870	ug/L	88
57) 1,1,2,2-Tetrachloroethane	10.175	83	20271	0.953	ug/L #	89
59) Bromoform	9.667	173	8656	0.943	ug/L	99
60) Isopropylbenzene	9.863	105	99895	0.951	ug/L	98
61) 1,2,3-Trichloropropane	10.210	75	13901	0.974	ug/L #	92
62) 1,3,5-Trimethylbenzene	10.474	105	77525	0.931	ug/L	98
63) 1,2,4-Trimethylbenzene	10.850	105	75984	0.908	ug/L	98
64) 1,3-Dichlorobenzene	11.117	146	50084	1.009	ug/L	97
65) 1,4-Dichlorobenzene	11.204	146	51070	1.003	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	46516	1.011	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.365	75	2824	0.991	ug/L	87
69) 1,3,5-Trichlorobenzene	12.580	180	34446	0.973	ug/L	97
70) 1,2,4-trichlorobenzene	13.201	180	26846	0.921	ug/L	98
71) Naphthalene	13.445	128	38876	0.873	ug/L	97
72) 1,2,3-Trichlorobenzene	13.680	180	22390	0.929	ug/L	100

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

