

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW093022\
 Data File : VW028239.D
 Acq On : 30 Sep 2022 20:18
 Operator : SY/MD
 Sample : N4873-07MS
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXZ54MS

Quant Time: Sep 30 23:03:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 29 01:25:35 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	160971	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	152369	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	89981	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	64645	3.874	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.400%
7) Chloroethane-d5	1.561	69	58371	4.399	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.000%
11) 1,1-Dichloroethene-d2	2.101	63	128270	4.432	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.600%
20) 2-Butanone-d5	3.896	46	143396	50.897	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.800%
24) Chloroform-d	4.339	84	133322	5.006	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.200%
26) 1,2-Dichloroethane-d4	5.027	65	57879	4.568	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.400%
32) Benzene-d6	5.043	84	256916	5.142	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.800%
36) 1,2-Dichloropropane-d6	6.063	67	69602	4.469	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.400%
41) Toluene-d8	7.310	98	224349	4.961	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.200%
43) trans-1,3-Dichloroprop...	7.619	79	25179	4.475	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.600%
46) 2-Hexanone-d5	8.085	63	113170	48.195	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.400%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	52065	4.890	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	86646	4.909	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.124	85	53114	4.418	ug/L	90
3) Chloromethane	1.237	50	46547	2.924	ug/L	100
5) Vinyl chloride	1.304	62	56602	4.534	ug/L	97
6) Bromomethane	1.516	94	32888	4.046	ug/L	97
8) Chloroethane	1.581	64	46618	5.569	ug/L	91
9) Trichlorofluoromethane	1.748	101	102673	5.181	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	60027	5.256	ug/L	96
12) 1,1-Dichloroethene	2.111	96	58340	5.244	ug/L	80
13) Acetone	2.188	43	94493	43.542	ug/L	99
14) Carbon disulfide	2.285	76	99515	4.662	ug/L	99
15) Methyl Acetate	2.439	43	19671	4.669	ug/L #	87
16) Methylene chloride	2.500	84	62260	5.014	ug/L	89
17) Methyl tert-butyl Ether	2.764	73	129630	5.417	ug/L	96
18) trans-1,2-Dichloroethene	2.754	96	53577	5.502	ug/L	94
19) 1,1-Dichloroethane	3.179	63	171903	8.092	ug/L	99
21) 2-Butanone	3.979	43	118071	43.946	ug/L	93
22) cis-1,2-Dichloroethene	3.902	96	70401	5.510	ug/L	88
23) Bromochloromethane	4.240	128	29507	5.767	ug/L #	75
25) Chloroform	4.365	83	124212	5.449	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	60670	4.991	ug/L #	89
29) 1,1,1-Trichloroethane	4.597	97	169290	9.043	ug/L	97
30) Cyclohexane	4.667	56	62632	4.626	ug/L	89
31) Carbon tetrachloride	4.818	117	84126	5.461	ug/L	99
33) Benzene	5.092	78	228361	5.397	ug/L	100
34) Trichloroethene	5.908	95	68054	6.462	ug/L	90
35) Methylcyclohexane	6.124	83	66253	4.587	ug/L	94
37) 1,2-Dichloropropane	6.166	63	53028	4.471	ug/L #	95
38) Bromodichloromethane	6.503	83	73862	5.044	ug/L #	94
39) cis-1,3-Dichloropropene	7.024	75	64536	4.380	ug/L	98
40) 4-Methyl-2-pentanone	7.223	43	272028	47.226	ug/L #	93
42) Toluene	7.384	91	226608	5.134	ug/L	97
44) trans-1,3-Dichloropropene	7.648	75	58583	4.623	ug/L	97
45) 1,1,2-Trichloroethane	7.834	97	41675	5.242	ug/L	98
47) Tetrachloroethene	7.973	164	48257	5.740	ug/L	95
48) 2-Hexanone	8.137	43	198781	45.459	ug/L #	93
49) Dibromochloromethane	8.243	129	50877	5.322	ug/L	98
50) 1,2-Dibromoethane	8.349	107	37715	5.458	ug/L	98
51) Chlorobenzene	8.879	112	154842	5.231	ug/L	97
52) Ethylbenzene	9.008	91	237228	5.081	ug/L	100
53) m,p-Xylene	9.137	106	93575	5.229	ug/L	95
54) o-Xylene	9.538	106	93149	5.271	ug/L	94
55) Styrene	9.558	104	168045	5.488	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.236	83	50945	5.499	ug/L	97
59) Bromoform	9.728	173	26572	4.651	ug/L	97
60) Isopropylbenzene	9.927	105	252594	4.783	ug/L	99
61) 1,2,3-Trichloropropane	10.268	75	34144	4.524	ug/L	93
62) 1,3,5-Trimethylbenzene	10.535	105	69375	4.663	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	190088	4.571	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	142289	5.414	ug/L	97
65) 1,4-Dichlorobenzene	11.268	146	133479	5.076	ug/L	98
67) 1,2-Dichlorobenzene	11.638	146	131175	5.284	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.426	75	7942	4.801	ug/L	97
69) 1,3,5-Trichlorobenzene	12.641	180	107401	5.163	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	81374	4.891	ug/L	98
71) Naphthalene	13.500	128	126622	4.648	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	75698	5.030	ug/L	98

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

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