

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW092822\
 Data File : VW028171.D
 Acq On : 28 Sep 2022 20:07
 Operator : SY/MD
 Sample : N4730-05MS
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXFR8MS

Quant Time: Sep 29 01:31:45 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	5.612	114	155890	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	157188	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	89121	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	49430	3.058	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	61.200%
7) Chloroethane-d5	1.561	69	48349	3.763	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.200%
11) 1,1-Dichloroethene-d2	2.101	63	90128	3.215	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.400%
20) 2-Butanone-d5	3.889	46	146931	53.851	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.700%
24) Chloroform-d	4.342	84	114246	4.430	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.600%
26) 1,2-Dichloroethane-d4	5.027	65	50657	4.128	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.600%
32) Benzene-d6	5.043	84	187860	3.645	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	72.800%
36) 1,2-Dichloropropane-d6	6.063	67	62975	3.919	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	78.400%
41) Toluene-d8	7.310	98	174303	3.736	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.800%
43) trans-1,3-Dichloroprop...	7.619	79	21848	3.764	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.200%
46) 2-Hexanone-d5	8.085	63	117474	48.494	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.980%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	50602	4.607	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	75078	4.295	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.124	85	56084	4.817	ug/L	92
3) Chloromethane	1.236	50	50794	3.294	ug/L	95
5) Vinyl chloride	1.304	62	57859	4.786	ug/L	99
6) Bromomethane	1.516	94	23640	3.003	ug/L	98
8) Chloroethane	1.581	64	50977	6.289	ug/L	87
9) Trichlorofluoromethane	1.748	101	96518	5.029	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	54386	4.917	ug/L	96
12) 1,1-Dichloroethene	2.111	96	50047	4.645	ug/L	75
13) Acetone	2.182	43	86368	41.096	ug/L	96
14) Carbon disulfide	2.288	76	96305	4.658	ug/L	99
15) Methyl Acetate	2.433	43	19303	4.731	ug/L	92
16) Methylene chloride	2.500	84	60165	5.003	ug/L	90
17) Methyl tert-butyl Ether	2.764	73	122054	5.267	ug/L	98
18) trans-1,2-Dichloroethene	2.754	96	49873	5.288	ug/L	96
19) 1,1-Dichloroethane	3.182	63	106182	5.161	ug/L	98
21) 2-Butanone	3.973	43	115894	44.542	ug/L	95
22) cis-1,2-Dichloroethene	3.905	96	58766	4.749	ug/L	89
23) Bromochloromethane	4.243	128	26226	5.293	ug/L #	81
25) Chloroform	4.368	83	108335	4.907	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	157846	13.409	ug/L #	94
29) 1,1,1-Trichloroethane	4.600	97	95372	4.938	ug/L	97
30) Cyclohexane	4.670	56	57866	4.143	ug/L	90
31) Carbon tetrachloride	4.822	117	75667	4.761	ug/L	99
33) Benzene	5.092	78	201074	4.606	ug/L	100
34) Trichloroethene	5.908	95	48948	4.505	ug/L	92
35) Methylcyclohexane	6.124	83	62778	4.213	ug/L	94
37) 1,2-Dichloropropane	6.169	63	51595	4.216	ug/L #	96
38) Bromodichloromethane	6.506	83	70591	4.673	ug/L	100
39) cis-1,3-Dichloropropene	7.024	75	63258	4.162	ug/L	97
40) 4-Methyl-2-pentanone	7.223	43	249014	41.906	ug/L #	92
42) Toluene	7.384	91	221390	4.862	ug/L	98
44) trans-1,3-Dichloropropene	7.648	75	55494	4.245	ug/L	95
45) 1,1,2-Trichloroethane	7.838	97	38720	4.721	ug/L	96
47) Tetrachloroethene	7.973	164	41987	4.841	ug/L	98
48) 2-Hexanone	8.137	43	204841	45.409	ug/L #	92
49) Dibromochloromethane	8.243	129	47713	4.838	ug/L	99
50) 1,2-Dibromoethane	8.349	107	33812	4.743	ug/L	98
51) Chlorobenzene	8.879	112	152546	4.995	ug/L	96
52) Ethylbenzene	9.008	91	228699	4.748	ug/L	96
53) m,p-Xylene	9.133	106	96380	5.221	ug/L	95
54) o-Xylene	9.542	106	89294	4.898	ug/L	98
55) Styrene	9.558	104	161106	5.100	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.236	83	45915	4.804	ug/L	95
59) Bromoform	9.728	173	26680	4.715	ug/L	99
60) Isopropylbenzene	9.927	105	238161	4.553	ug/L	99
61) 1,2,3-Trichloropropane	10.268	75	37693	5.043	ug/L	95
62) 1,3,5-Trimethylbenzene	10.535	105	71831	4.875	ug/L	98
63) 1,2,4-Trimethylbenzene	10.911	105	192155	4.665	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	129085	4.959	ug/L	100
65) 1,4-Dichlorobenzene	11.268	146	126388	4.853	ug/L	100
67) 1,2-Dichlorobenzene	11.638	146	120518	4.901	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.423	75	7030	4.291	ug/L	93
69) 1,3,5-Trichlorobenzene	12.641	180	100584	4.882	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	83425	5.063	ug/L	99
71) Naphthalene	13.500	128	119933	4.445	ug/L	98
72) 1,2,3-Trichlorobenzene	13.741	180	70491	4.730	ug/L	99

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

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