

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW092922\
 Data File : VW028215.D
 Acq On : 30 Sep 2022 02:59
 Operator : SY/MD
 Sample : N4865-03MSD
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW842MSD

Quant Time: Sep 30 06:23:13 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	5.613	114	169001	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	167648	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	93863	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	66445	3.792	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.800%
7) Chloroethane-d5	1.561	69	57911	4.157	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.200%
11) 1,1-Dichloroethene-d2	2.101	63	115938	3.815	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.400%
20) 2-Butanone-d5	3.902	46	109885	37.149	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	74.300%
24) Chloroform-d	4.339	84	116542	4.168	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.400%
26) 1,2-Dichloroethane-d4	5.027	65	49314	3.707	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.200%
32) Benzene-d6	5.043	84	219554	3.994	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.800%
36) 1,2-Dichloropropane-d6	6.066	67	62734	3.661	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	73.200%
41) Toluene-d8	7.310	98	235454	4.732	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.600%
43) trans-1,3-Dichloroprop...	7.622	79	22338	3.609	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.200%
46) 2-Hexanone-d5	8.085	63	99786	38.623	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	77.240%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	48879	4.173	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	80717	4.384	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.124	85	52884	4.190	ug/L	95
3) Chloromethane	1.237	50	46381	2.775	ug/L	96
5) Vinyl chloride	1.304	62	56679	4.325	ug/L	88
6) Bromomethane	1.516	94	22564	2.644	ug/L	92
8) Chloroethane	1.581	64	52066	5.925	ug/L	85
9) Trichlorofluoromethane	1.748	101	96785	4.651	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	56529	4.714	ug/L	97
12) 1,1-Dichloroethene	2.111	96	50030	4.284	ug/L	84
13) Acetone	2.191	43	81071	35.583	ug/L	97
14) Carbon disulfide	2.285	76	86857	3.875	ug/L	99
15) Methyl Acetate	2.439	43	13412	3.032	ug/L #	84
16) Methylene chloride	2.500	84	65637	5.034	ug/L	86
17) Methyl tert-butyl Ether	2.764	73	107693	4.286	ug/L	98
18) trans-1,2-Dichloroethene	2.754	96	45179	4.419	ug/L	96
19) 1,1-Dichloroethane	3.182	63	90121	4.041	ug/L	98
21) 2-Butanone	3.976	43	101667	36.043	ug/L	98
22) cis-1,2-Dichloroethene	3.905	96	53515	3.989	ug/L	96
23) Bromochloromethane	4.243	128	25480	4.743	ug/L #	73
25) Chloroform	4.368	83	103429	4.322	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	55304	4.334	ug/L #	93
29) 1,1,1-Trichloroethane	4.600	97	93517	4.540	ug/L	97
30) Cyclohexane	4.670	56	54632	3.667	ug/L	85
31) Carbon tetrachloride	4.822	117	75844	4.474	ug/L	98
33) Benzene	5.092	78	196206	4.214	ug/L	100
34) Trichloroethene	5.908	95	49823	4.299	ug/L	94
35) Methylcyclohexane	6.127	83	63278	3.982	ug/L	92
37) 1,2-Dichloropropane	6.169	63	48540	3.719	ug/L #	97
38) Bromodichloromethane	6.506	83	68210	4.233	ug/L	97
39) cis-1,3-Dichloropropene	7.024	75	60998	3.763	ug/L	95
40) 4-Methyl-2-pentanone	7.223	43	255968	40.388	ug/L #	91
42) Toluene	7.384	91	248660	5.121	ug/L	98
44) trans-1,3-Dichloropropene	7.648	75	55451	3.977	ug/L	94
45) 1,1,2-Trichloroethane	7.834	97	41974	4.798	ug/L	99
47) Tetrachloroethene	7.973	164	44152	4.773	ug/L	96
48) 2-Hexanone	8.137	43	196853	40.915	ug/L #	95
49) Dibromochloromethane	8.239	129	48430	4.604	ug/L	97
50) 1,2-Dibromoethane	8.349	107	39537	5.200	ug/L	96
51) Chlorobenzene	8.879	112	150869	4.632	ug/L	98
52) Ethylbenzene	9.008	91	229455	4.466	ug/L	100
53) m,p-Xylene	9.137	106	102412	5.202	ug/L	98
54) o-Xylene	9.538	106	94699	4.871	ug/L	100
55) Styrene	9.558	104	158563	4.707	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.236	83	48048	4.714	ug/L	99
59) Bromoform	9.728	173	24370	4.089	ug/L	100
60) Isopropylbenzene	9.928	105	266710	4.841	ug/L	99
61) 1,2,3-Trichloropropane	10.268	75	32892	4.178	ug/L	94
62) 1,3,5-Trimethylbenzene	10.535	105	69612	4.486	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	197283	4.548	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	128475	4.686	ug/L	100
65) 1,4-Dichlorobenzene	11.268	146	130939	4.774	ug/L	95
67) 1,2-Dichlorobenzene	11.638	146	125089	4.830	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.423	75	7176	4.159	ug/L	93
69) 1,3,5-Trichlorobenzene	12.641	180	106942	4.928	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	91094	5.249	ug/L	99
71) Naphthalene	13.496	128	139059	4.893	ug/L	99
72) 1,2,3-Trichlorobenzene	13.738	180	83596	5.326	ug/L	98

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

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