

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW033022\
 Data File : VW025322.D
 Acq On : 30 Mar 2022 17:38
 Operator : SY/MD
 Sample : N2174-09MSD
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 YAZ30MSD

Quant Time: Mar 31 01:30:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Mar 31 01:26:10 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	142661	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	136708	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	68316	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	62950	4.724	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.400%
7) Chloroethane-d5	1.568	69	53916	4.821	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.400%
11) 1,1-Dichloroethene-d2	2.111	63	129146	4.474	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.400%
20) 2-Butanone-d5	3.895	46	64835	48.844	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.680%
24) Chloroform-d	4.349	84	83547	4.804	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.000%
26) 1,2-Dichloroethane-d4	5.034	65	37002	4.814	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.200%
32) Benzene-d6	5.050	84	166120	4.803	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.000%
36) 1,2-Dichloropropane-d6	6.069	67	45128	4.656	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.200%
41) Toluene-d8	7.313	98	157883	4.977	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.600%
43) trans-1,3-Dichloroprop...	7.622	79	15897	5.027	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.600%
46) 2-Hexanone-d5	8.088	63	53503	46.849	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.700%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	30778	4.762	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	51284	4.674	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	71796	5.038	ug/L	100
3) Chloromethane	1.243	50	81078	4.824	ug/L	100
5) Vinyl chloride	1.314	62	89413	4.763	ug/L	98
6) Bromomethane	1.523	94	55961	5.022	ug/L	99
8) Chloroethane	1.587	64	62987	5.347	ug/L	100
9) Trichlorofluoromethane	1.754	101	131001	5.162	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	68305	4.532	ug/L	99
12) 1,1-Dichloroethene	2.121	96	68497	4.769	ug/L	96
13) Acetone	2.185	43	54840	54.142	ug/L	79
14) Carbon disulfide	2.297	76	151628	5.096	ug/L	97
15) Methyl Acetate	2.442	43	13880	6.019	ug/L	96
16) Methylene chloride	2.510	84	54234	4.809	ug/L	98
17) Methyl tert-butyl Ether	2.770	73	96688	5.321	ug/L	98
18) trans-1,2-Dichloroethene	2.764	96	54823	5.318	ug/L	99
19) 1,1-Dichloroethane	3.191	63	94980	5.519	ug/L	99
21) 2-Butanone	3.979	43	80793	57.968	ug/L	88
22) cis-1,2-Dichloroethene	3.915	96	57639	5.503	ug/L	94
23) Bromochloromethane	4.249	128	25154	5.758	ug/L	94
25) Chloroform	4.378	83	104945	5.496	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	53812	5.457	ug/L	99
29) 1,1,1-Trichloroethane	4.609	97	92934	5.622	ug/L	97
30) Cyclohexane	4.677	56	72602	4.911	ug/L	98
31) Carbon tetrachloride	4.828	117	78953	5.518	ug/L	97
33) Benzene	5.098	78	221643	5.527	ug/L	100
34) Trichloroethene	5.915	95	57353	5.209	ug/L	96
35) Methylcyclohexane	6.130	83	83227	4.824	ug/L	99
37) 1,2-Dichloropropane	6.172	63	48982	5.266	ug/L	100
38) Bromodichloromethane	6.509	83	65114	5.526	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	64110	5.315	ug/L	99
40) 4-Methyl-2-pentanone	7.226	43	213138	57.389	ug/L	99
42) Toluene	7.387	91	237509	5.548	ug/L	97
44) trans-1,3-Dichloropropene	7.651	75	50373	5.313	ug/L	98
45) 1,1,2-Trichloroethane	7.837	97	35444	5.565	ug/L	99
47) Tetrachloroethene	7.976	164	43065	5.304	ug/L	98
48) 2-Hexanone	8.140	43	150929	56.820	ug/L	99
49) Dibromochloromethane	8.246	129	39287	5.732	ug/L	98
50) 1,2-Dibromoethane	8.352	107	32759	5.521	ug/L #	98
51) Chlorobenzene	8.879	112	149616	5.412	ug/L	98
52) Ethylbenzene	9.011	91	244603	5.387	ug/L	99
53) m,p-Xylene	9.136	106	95506	5.408	ug/L	95
54) o-Xylene	9.542	106	94626	5.606	ug/L	98
55) Styrene	9.561	104	152361	5.489	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.239	83	36539	5.504	ug/L	97
59) Bromoform	9.731	173	16080	5.758	ug/L	97
60) Isopropylbenzene	9.931	105	245254	5.413	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	27707	5.360	ug/L	96
62) 1,3,5-Trimethylbenzene	10.538	105	102192	5.030	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	191361	5.279	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	114054	5.375	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	112998	5.318	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	102676	5.498	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.426	75	5171	5.587	ug/L	83
69) 1,3,5-Trichlorobenzene	12.641	180	78439	5.124	ug/L	98
70) 1,2,4-trichlorobenzene	13.258	180	60381	5.228	ug/L	100
71) Naphthalene	13.500	128	95998	5.333	ug/L	98
72) 1,2,3-Trichlorobenzene	13.741	180	54514	5.478	ug/L	98

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

