

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041624\
 Data File : VW035250.D
 Acq On : 16 Apr 2024 19:09
 Operator : SY/MD
 Sample : P2032-19MSD
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E0MG3MSD

Quant Time: Apr 17 02:52:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR041524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Apr 17 02:28:28 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	195012	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	196711	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	104625	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	73654	4.034	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.600%
7) Chloroethane-d5	1.532	69	62656	4.416	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.400%
11) 1,1-Dichloroethene-d2	2.059	65	30469	3.933	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.600%
20) 2-Butanone-d5	3.812	46	157259	50.917	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.840%
24) Chloroform-d	4.249	84	135658	4.751	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.000%
26) 1,2-Dichloroethane-d4	4.944	65	64339	4.735	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.600%
32) Benzene-d6	4.960	84	253363	4.534	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.600%
36) 1,2-Dichloropropane-d6	5.989	67	82074	4.723	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.400%
41) Toluene-d8	7.243	98	232436	4.631	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.600%
43) trans-1,3-Dichloroprop...	7.558	79	27695	4.465	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.400%
46) 2-Hexanone-d5	8.027	63	120897	46.798	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.600%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	64922	4.850	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.000%
66) 1,2-Dichlorobenzene-d4	11.561	152	83555	4.493	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	100364	5.437	ug/L	99
3) Chloromethane	1.214	50	116669	5.419	ug/L	99
5) Vinyl chloride	1.281	62	113326	5.365	ug/L	97
6) Bromomethane	1.487	94	52740	4.357	ug/L	98
8) Chloroethane	1.551	64	69046	5.310	ug/L	96
9) Trichlorofluoromethane	1.712	101	136482	5.423	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	80858	5.233	ug/L	99
12) 1,1-Dichloroethene	2.069	96	76060	5.137	ug/L	87
13) Acetone	2.140	43	121313	58.288	ug/L	70
14) Carbon disulfide	2.240	76	257359	5.511	ug/L	98
15) Methyl Acetate	2.387	43	28233	5.150	ug/L	92
16) Methylene chloride	2.449	84	85256	4.572	ug/L	98
17) Methyl tert-butyl Ether	2.706	73	177007	5.297	ug/L	99
18) trans-1,2-Dichloroethene	2.693	96	81218	5.369	ug/L	98
19) 1,1-Dichloroethane	3.111	63	163466	5.373	ug/L	100
21) 2-Butanone	3.892	43	168955	49.596	ug/L	# 67
22) cis-1,2-Dichloroethene	3.815	96	83817	5.389	ug/L	100
23) Bromochloromethane	4.146	128	36906	5.247	ug/L	97
25) Chloroform	4.278	83	154820	5.233	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.043	62	95799	5.522	ug/L	99
29) 1,1,1-Trichloroethane	4.513	97	132259	5.343	ug/L	99
30) Cyclohexane	4.580	56	124335	5.272	ug/L	99
31) Carbon tetrachloride	4.735	117	112080	5.306	ug/L	99
33) Benzene	5.011	78	336630	5.444	ug/L	100
34) Trichloroethene	5.834	95	85422	5.252	ug/L	99
35) Methylcyclohexane	6.050	83	130027	5.307	ug/L	99
37) 1,2-Dichloropropane	6.091	63	88964	5.441	ug/L	99
38) Bromodichloromethane	6.432	83	106151	5.332	ug/L	99
39) cis-1,3-Dichloropropene	6.956	75	112780	5.189	ug/L	99
40) 4-Methyl-2-pentanone	7.156	43	466673	54.169	ug/L	98
42) Toluene	7.317	91	360262	5.618	ug/L	98
44) trans-1,3-Dichloropropene	7.583	75	92818	5.282	ug/L	99
45) 1,1,2-Trichloroethane	7.770	97	61042	5.380	ug/L	99
47) Tetrachloroethene	7.905	164	65449	5.072	ug/L	96
48) 2-Hexanone	8.075	43	334012	52.409	ug/L	98
49) Dibromochloromethane	8.175	129	60202	5.137	ug/L	100
50) 1,2-Dibromoethane	8.284	107	56602	5.312	ug/L	96
51) Chlorobenzene	8.815	112	220432	5.311	ug/L	98
52) Ethylbenzene	8.947	91	366892	5.339	ug/L	99
53) m,p-Xylene	9.072	106	138941	5.488	ug/L	98
54) o-Xylene	9.477	106	129532	5.302	ug/L	97
55) Styrene	9.496	104	226385	5.507	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.178	83	74789	5.379	ug/L	99
59) Bromoform	9.667	173	30897	4.957	ug/L	99
60) Isopropylbenzene	9.866	105	353324	5.257	ug/L	100
61) 1,2,3-Trichloropropane	10.210	75	52752	5.022	ug/L	98
62) 1,3,5-Trimethylbenzene	10.474	105	274301	5.054	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	280466	5.230	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	175812	5.198	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	180874	5.119	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	164760	5.246	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.365	75	10279	4.957	ug/L	95
69) 1,3,5-Trichlorobenzene	12.580	180	134316	5.232	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	105307	4.918	ug/L	98
71) Naphthalene	13.438	128	151083	4.910	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	96446	5.073	ug/L	98

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

