

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW083022\
 Data File : VW027602.D
 Acq On : 30 Aug 2022 21:47
 Operator : SY/MD
 Sample : N4404-03MSD
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBVB9MSD

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 08/31/2022
 Supervised By :Mahesh Dadoda 08/31/2022

Quant Time: Aug 31 04:52:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Aug 31 04:45:39 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	157715	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	154906	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	78737	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	49721	4.430	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.600%
7) Chloroethane-d5	1.565	69	41198	5.015	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.400%
11) 1,1-Dichloroethene-d2	2.108	63	99432	3.799	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.000%
20) 2-Butanone-d5	3.892	46	76462m	54.737	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.480%
24) Chloroform-d	4.346	84	104799	4.669	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.400%
26) 1,2-Dichloroethane-d4	5.034	65	47377	4.879	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.600%
32) Benzene-d6	5.050	84	184222	4.294	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.800%
36) 1,2-Dichloropropane-d6	6.069	67	58814	4.715	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.200%
41) Toluene-d8	7.314	98	171945	4.438	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.800%
43) trans-1,3-Dichloroprop...	7.625	79	16247	3.804	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.000%
46) 2-Hexanone-d5	8.092	63	77114	54.847	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.700%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	43561	5.484	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	54964	4.709	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	68220	4.076	ug/L	100
3) Chloromethane	1.240	50	71748	4.910	ug/L	99
5) Vinyl chloride	1.311	62	79545	5.407	ug/L	96
6) Bromomethane	1.520	94	28848	3.966	ug/L	99
8) Chloroethane	1.584	64	46663	5.428	ug/L	96
9) Trichlorofluoromethane	1.751	101	98694	4.223	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	55474	4.205	ug/L	96
12) 1,1-Dichloroethene	2.118	96	49037	4.109	ug/L	97
13) Acetone	2.172	43	56990	42.720	ug/L	96
14) Carbon disulfide	2.291	76	124911	3.814	ug/L	100
15) Methyl Acetate	2.433	43	13485	3.650	ug/L	94
16) Methylene chloride	2.503	84	63468	3.528	ug/L	97
17) Methyl tert-butyl Ether	2.767	73	119248	4.830	ug/L	96
18) trans-1,2-Dichloroethene	2.757	96	56243	4.575	ug/L	97
19) 1,1-Dichloroethane	3.188	63	123079	4.836	ug/L	98
21) 2-Butanone	3.976	43	95224	53.636	ug/L	100
22) cis-1,2-Dichloroethene	3.909	96	74448	5.682	ug/L	99
23) Bromochloromethane	4.246	128	26102	4.518	ug/L	95
25) Chloroform	4.375	83	129474	4.679	ug/L	98

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27) 1,2-Dichloroethane	5.130	62	72297	5.142	ug/L	99
29) 1,1,1-Trichloroethane	4.606	97	112272	4.722	ug/L	98
30) Cyclohexane	4.674	56	82046	4.495	ug/L	94
31) Carbon tetrachloride	4.825	117	92204	4.459	ug/L	100
33) Benzene	5.098	78	262177	5.090	ug/L	100
34) Trichloroethene	5.912	95	65430	4.827	ug/L	99
35) Methylcyclohexane	6.130	83	80662	4.231	ug/L	97
37) 1,2-Dichloropropane	6.172	63	70313	5.121	ug/L	99
38) Bromodichloromethane	6.510	83	87465	5.024	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	67972	4.105	ug/L	98
40) 4-Methyl-2-pentanone	7.227	43	343743	56.030	ug/L	99
42) Toluene	7.384	91	279899	5.265	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	57218	4.088	ug/L	97
45) 1,1,2-Trichloroethane	7.838	97	46057	5.247	ug/L	97
47) Tetrachloroethene	7.976	164	46996	4.451	ug/L	98
48) 2-Hexanone	8.140	43	255055	57.696	ug/L	99
49) Dibromochloromethane	8.246	129	53946	4.997	ug/L	99
50) 1,2-Dibromoethane	8.352	107	43464	5.673	ug/L	95
51) Chlorobenzene	8.879	112	171711	4.991	ug/L	97
52) Ethylbenzene	9.011	91	275930	5.085	ug/L	99
53) m,p-Xylene	9.137	106	118899	5.726	ug/L	99
54) o-Xylene	9.542	106	102940	5.111	ug/L	98
55) Styrene	9.561	104	180415	5.265	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	55846	5.648	ug/L	98
59) Bromoform	9.731	173	26061	4.939	ug/L	98
60) Isopropylbenzene	9.931	105	271021	5.231	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	37793	5.471	ug/L	97
62) 1,3,5-Trimethylbenzene	10.538	105	70745	4.925	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	207902	5.137	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	133623	5.235	ug/L	99
65) 1,4-Dichlorobenzene	11.272	146	134138	5.271	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	127260	5.499	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	7770	5.063	ug/L	97
69) 1,3,5-Trichlorobenzene	12.644	180	99420	5.218	ug/L	96
70) 1,2,4-trichlorobenzene	13.259	180	75051	5.420	ug/L	98
71) Naphthalene	13.500	128	112739	5.898	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	69143	5.623	ug/L	97

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

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