

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111824\
 Data File : VU061834.D
 Acq On : 19 Nov 2024 00:58
 Operator : MD/SY
 Sample : P4885-05
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG3Q1

Quant Time: Nov 19 03:41:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 19 03:37:44 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	162064	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	197628	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	73424	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	35946	3.433	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.600%
7) Chloroethane-d5	1.907	69	51726	5.786	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	115.800%
11) 1,1-Dichloroethene-d2	2.560	65	16997	3.618	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.400%
20) 2-Butanone-d5	4.611	46	112554	50.642	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.280%
24) Chloroform-d	5.052	84	94592	4.545	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.800%
26) 1,2-Dichloroethane-d4	5.692	65	48301	4.836	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.800%
32) Benzene-d6	5.717	84	189654	3.469	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	69.400%#
36) 1,2-Dichloropropane-d6	6.679	67	60609	3.759	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	75.200%
41) Toluene-d8	7.888	98	167774	3.292	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	65.800%#
43) trans-1,3-Dichloroprop...	8.171	79	19175	3.228	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	64.600%
46) 2-Hexanone-d5	8.624	63	97338	41.471	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.940%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	50618	3.982	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	79.600%
66) 1,2-Dichlorobenzene-d4	12.183	152	64357	4.921	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.400%
Target Compounds						
					Qvalue	
9) Trichlorofluoromethane	2.132	101	88903	5.015	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	146809	14.009	ug/L	97
12) 1,1-Dichloroethene	2.573	96	21599	2.208	ug/L #	82
16) Methylene chloride	3.036	84	307840	27.304	ug/L	99
19) 1,1-Dichloroethane	3.859	63	129673	6.628	ug/L	98
22) cis-1,2-Dichloroethene	4.656	96	12698	1.049	ug/L	91
25) Chloroform	5.078	83	12520	0.607	ug/L	96
27) 1,2-Dichloroethane	5.785	62	28770	2.223	ug/L	98
29) 1,1,1-Trichloroethane	5.306	97	1296089	57.632	ug/L	100
33) Benzene	5.769	78	12213	0.204	ug/L	100
34) Trichloroethene	6.531	95	212814	13.177	ug/L	98
42) Toluene	7.958	91	869432	13.501	ug/L	99
47) Tetrachloroethene	8.544	164	1989216	163.912	ug/L	99
51) Chlorobenzene	9.438	112	447716	10.801	ug/L	99
52) Ethylbenzene	9.560	91	465211	6.782	ug/L	99
53) m,p-Xylene	9.682	106	367875	14.015	ug/L	97
54) o-Xylene	10.093	106	62992	2.469	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.772	83	18817	1.398	ug/L	96
65) 1,4-Dichlorobenzene	11.826	146	31708	1.337	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
67) 1,2-Dichlorobenzene	12.203	146	276325	12.724	ug/L	97
70) 1,2,4-trichlorobenzene	13.836	180	13304	1.053	ug/L	99

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

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