

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011724\
 Data File : BN029268.D
 Acq On : 17 Jan 2024 12:47
 Operator : MA/JU
 Sample : 03573-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-WATER-QT3-2023-06

Quant Time: Jan 18 00:58:49 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN011524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jan 16 03:57:40 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/18/2024
 Supervised By :Sohil Jodhani 01/18/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.940	152	141732	20.000	ng/u1	0.00
20) Naphthalene-d8	10.746	136	634563	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.581	164	433753	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.328	188	980577	20.000	ng/u1	0.00
79) Chrysene-d12	21.528	240	961470	20.000	ng/u1	0.00
88) Perylene-d12	23.939	264	1105716	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.370	96	17241	5.024	ng/uL	0.00
4) Pyridine-d5	3.781	84	233039	22.015	ng/u1	0.00
7) Phenol-d5	7.099	99	275404	20.252	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.281	67	181312	21.139	ng/u1	0.00
11) 2-Chlorophenol-d4	7.469	132	206189	21.435	ng/u1	0.00
15) 4-Methylphenol-d8	8.652	113	220750	20.134	ng/u1	0.00
21) Nitrobenzene-d5	9.111	128	108439	23.555	ng/u1	0.00
24) 2-Nitrophenol-d4	9.828	143	89340	23.401	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.363	165	203511	21.415	ng/u1	0.00
31) 4-Chloroaniline-d4	10.887	131	338186	19.663	ng/u1	0.00
46) Dimethylphthalate-d6	13.999	166	764870	21.422	ng/u1	0.00
49) Acenaphthylene-d8	14.275	160	863391	21.472	ng/u1	0.00
54) 4-Nitrophenol-d4	14.775	143	117269	18.872	ng/u1	0.00
60) Fluorene-d10	15.575	176	657661	21.613	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.693	200	68210	16.541	ng/u1	0.00
73) Anthracene-d10	17.428	188	1016780	20.627	ng/u1	0.00
81) Pyrene-d10	19.728	212	1221280	22.859	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.786	264	1276853	22.405	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.405	88	4080m	1.172	ng/uL	
5) Pyridine	3.805	79	46324	4.284	ng/u1#	74
6) Benzaldehyde	7.087	77	37548m	6.152	ng/u1	
8) Phenol	7.128	94	54631	3.953	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.375	93	46109	4.110	ng/u1	98
12) 2-Chlorophenol	7.499	128	42159	4.210	ng/u1	98
13) 2-Methylphenol	8.381	108	38828	3.688	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.475	45	62802	4.378	ng/u1	97
16) Acetophenone	8.769	105	77431	4.168	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.758	70	40376	4.129	ng/u1	99
18) 4-Methylphenol	8.711	108	44644	3.941	ng/u1	95
19) Hexachloroethane	9.016	117	19171	4.217	ng/u1	95
22) Nitrobenzene	9.152	77	57908	4.550	ng/u1	96
23) Isophorone	9.675	82	109631	4.052	ng/u1	99
25) 2-Nitrophenol	9.858	139	19474	4.357	ng/u1	97
26) 2,4-Dimethylphenol	9.916	107	49823	4.169	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.169	93	66599	4.373	ng/u1	98
29) 2,4-Dichlorophenol	10.387	162	40554	4.339	ng/u1	99
30) Naphthalene	10.793	128	157153	4.343	ng/u1	100
32) 4-Chloroaniline	10.910	127	67843	4.055	ng/u1	96
33) Hexachlorobutadiene	11.069	225	28348	4.298	ng/u1	91
34) Caprolactam	11.699	113	15216	4.017	ng/u1	87
35) 4-Chloro-3-methylphenol	12.028	107	44013	3.969	ng/u1	99
36) 2-Methylnaphthalene	12.404	142	110280	4.358	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.622	142	113797	4.533	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.763	216	59061	4.369	ng/ul	99
40) Hexachlorocyclopentadiene	12.740	237	36314	4.012	ng/ul	98
41) 2,4,6-Trichlorophenol	13.010	196	26511	3.539	ng/ul	92
42) 2,4,5-Trichlorophenol	13.075	196	31408	3.735	ng/ul	96
43) 1,1'-Biphenyl	13.416	154	149563	4.279	ng/ul	100
44) 2-Chloronaphthalene	13.457	162	115595	4.233	ng/ul	98
45) 2-Nitroaniline	13.663	65	28876	3.990	ng/ul	95
47) Dimethylphthalate	14.046	163	154106	4.238	ng/ul	99
48) 2,6-Dinitrotoluene	14.169	165	22887	3.893	ng/ul	97
50) Acenaphthylene	14.299	152	197449	4.232	ng/ul	97
51) 3-Nitroaniline	14.493	138	23734	3.717	ng/ul	99
52) Acenaphthene	14.640	153	127198	4.154	ng/ul	98
53) 2,4-Dinitrophenol	14.698	184	11313	4.503	ng/ul	100
55) 4-Nitrophenol	14.793	109	25413	4.464	ng/ul	97
56) Dibenzofuran	14.975	168	175250	4.231	ng/ul	100
57) 2,4-Dinitrotoluene	14.951	165	33912	3.939	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.204	232	24163	3.483	ng/ul	96
59) Diethylphthalate	15.416	149	154933	4.085	ng/ul	99
61) Fluorene	15.628	166	152506	4.252	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.628	204	75697	4.319	ng/ul	97
63) 4-Nitroaniline	15.651	138	26750	4.254	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.704	198	18404	3.876	ng/ul#	81
67) N-Nitrosodiphenylamine	15.845	169	123793	4.164	ng/ul	96
68) 4-Bromophenyl-phenylether	16.528	248	31602	2.883	ng/ul	99
69) Hexachlorobenzene	16.622	284	51459	3.901	ng/ul#	90
70) Atrazine	16.804	200	50325	4.458	ng/ul	97
71) Pentachlorophenol	16.975	266	26631	3.736	ng/ul	92
72) Phenanthrene	17.375	178	241662	4.248	ng/ul	98
74) Anthracene	17.463	178	234772	3.974	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.375	216	54031	4.075	ng/uL	90
76) Pentachlorobenzene	14.887	250	65084	4.742	ng/uL	96
77) Carbazole	17.740	167	208149	3.810	ng/ul	99
78) Di-n-butylphthalate	18.322	149	244030	3.663	ng/ul	100
80) Fluoranthene	19.392	202	273294	4.329	ng/ul	98
82) Pyrene	19.757	202	294531	4.393	ng/ul	99
83) Butylbenzylphthalate	20.681	149	92943	3.545	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.451	252	85033	3.812	ng/ul	100
85) Benzo(a)anthracene	21.516	228	302178	4.265	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.469	149	151583	3.502	ng/ul	99
87) Chrysene	21.569	228	283984	4.334	ng/ul	97
89) Di-n-octyl phthalate	22.416	149	231245	2.967	ng/ul	100
90) Benzo(b)fluoranthene	23.204	252	284533	4.058	ng/ul	99
91) Benzo(k)fluoranthene	23.257	252	276948	3.964	ng/ul	97
93) Benzo(a)pyrene	23.839	252	277783	4.178	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	26.439	276	323854	3.849	ng/ul	96
95) Dibenzo(a,h)anthracene	26.474	278	271982	3.876	ng/ul	99
96) Benzo(g,h,i)perylene	27.204	276	252392	3.756	ng/ul	94

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

