

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061221\
 Data File : BN014886.D
 Acq On : 12 Jun 2021 10:02
 Operator : CG/JU
 Sample : SST00551
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SST005051

Manual Integrations
 APPROVED

mohammad
 6/14/2021 5:49:15 PM

Quant Time: Jun 14 01:50:03 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN061221MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jun 14 01:48:30 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.693	152	100304	20.00	ng/ul	0.00
20) Naphthalene-d8	10.475	136	398171	20.00	ng/ul	# 0.00
38) Acenaphthene-d10	14.346	164	293229	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.098	188	696852	20.00	ng/ul	# 0.00
79) Chrysene-d12	21.298	240	886255	20.00	ng/ul	0.00
88) Perylene-d12	23.551	264	969481	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.205	96	3616m	1.47	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.00	ng/ul	
7) Phenol-d5	0.000	99	0d	0.00	ng/ul	
9) Bis-(2-Chloroethyl)eth...	0.000	67	0d	0.00	ng/ul	
11) 2-Chlorophenol-d4	7.228	132	22853	3.76	ng/ul	0.00
15) 4-Methylphenol-d8	0.000	113	0d	0.00	ng/ul	
21) Nitrobenzene-d5	8.846	128	11842	3.95	ng/ul	0.00
24) 2-Nitrophenol-d4	9.575	143	15402m	4.78	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.110	165	27341	3.72	ng/ul	0.01
31) 4-Chloroaniline-d4	0.000	131	0d	0.00	ng/ul	
46) Dimethylphthalate-d6	13.757	166	110117	4.73	ng/ul	0.00
49) Acenaphthylene-d8	14.034	160	118879	4.41	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.00	ng/ul	
60) Fluorene-d10	15.340	176	90619	4.51	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.00	ng/ul	
73) Anthracene-d10	17.198	188	145459	4.47	ng/ul	0.00
81) Pyrene-d10	19.498	212	187313	4.48	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.410	264	227692	4.41	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.240	88	4896m	1.69	ng/uL	
12) 2-Chlorophenol	7.264	128	28864	4.53	ng/ul#	68
17) N-Nitroso-di-n-propyla...	8.493	70	21759	3.57	ng/ul#	83
19) Hexachloroethane	8.763	117	15822	4.96	ng/ul#	81
22) Nitrobenzene	8.893	77	34439	3.68	ng/ul#	97
23) Isophorone	9.405	82	64736	3.64	ng/ul#	97
25) 2-Nitrophenol	9.599	139	14315	4.18	ng/ul#	85
26) 2,4-Dimethylphenol	9.658	107	41003	3.89	ng/ul#	74
27) Bis(2-Chloroethoxy)met...	9.893	93	37415	3.46	ng/ul#	96
29) 2,4-Dichlorophenol	10.134	162	26225	3.72	ng/ul#	87
30) Naphthalene	10.528	128	95885	4.43	ng/ul	98
33) Hexachlorobutadiene	10.816	225	30115	4.78	ng/ul	98
35) 4-Chloro-3-methylphenol	11.781	107	33419m	3.27	ng/ul	
36) 2-Methylnaphthalene	12.146	142	69697	4.32	ng/ul	92
37) 1-Methylnaphthalene	12.369	142	71526	4.51	ng/ul#	99
39) 1,2,4,5-Tetrachloroben...	12.522	216	46815	4.22	ng/ul#	86
41) 2,4,6-Trichlorophenol	12.769	196	24589	3.95	ng/ul#	80
42) 2,4,5-Trichlorophenol	12.846	196	29662m	4.37	ng/ul	
43) 1,1'-Biphenyl	13.175	154	97337	4.64	ng/ul#	97
44) 2-Chloronaphthalene	13.216	162	76932	4.58	ng/ul	88
45) 2-Nitroaniline	13.422	65	18470	3.61	ng/ul	89
47) Dimethylphthalate	13.804	163	100864	4.38	ng/ul	97
48) 2,6-Dinitrotoluene	13.922	165	18214	4.25	ng/ul#	84
50) Acenaphthylene	14.063	152	108947	4.40	ng/ul	96

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52) Acenaphthene	14.410	153	77420	4.31	ng/ul	89
56) Dibenzofuran	14.746	168	119998	4.49	ng/ul	94
57) 2,4-Dinitrotoluene	14.710	165	27648	4.05	ng/ul#	94
58) 2,3,4,6-Tetrachlorophenol	14.981	232	25359	3.63	ng/ul#	95
59) Diethylphthalate	15.175	149	103883	4.69	ng/ul	97
61) Fluorene	15.398	166	103482	5.15	ng/ul	93
62) 4-Chlorophenyl-phenyle...	15.398	204	53314	4.49	ng/ul#	73
67) N-Nitrosodiphenylamine	15.610	169	82506	4.40	ng/ul	98
68) 4-Bromophenyl-phenylether	16.298	248	36100	3.98	ng/ul#	78
69) Hexachlorobenzene	16.410	284	56665	4.99	ng/ul#	91
72) Phenanthrene	17.140	178	166369	4.57	ng/ul#	93
74) Anthracene	17.234	178	163179	4.45	ng/ul#	95
75) 1,2,3,4-Tetrachloroben...	13.140	216	49852	4.33	ng/ul#	86
76) Pentachlorobenzene	14.669	250	57739	4.85	ng/ul#	91
78) Di-n-butylphthalate	18.075	149	160343	4.40	ng/ul#	96
80) Fluoranthene	19.163	202	207808	4.22	ng/ul#	94
82) Pyrene	19.528	202	239158	4.72	ng/ul#	92
83) Butylbenzylphthalate	20.439	149	77460	4.55	ng/ul#	78
85) Benzo(a)anthracene	21.280	228	237251	4.29	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.222	149	116342	4.74	ng/ul#	89
87) Chrysene	21.333	228	243413m	4.38	ng/ul	
90) Benzo(b)fluoranthene	22.875	252	262666	4.51	ng/ul	94
91) Benzo(k)fluoranthene	22.922	252	272750	4.71	ng/ul	98
93) Benzo(a)pyrene	23.457	252	243658	4.63	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	25.827	276	302548	4.19	ng/ul	99
95) Dibenzo(a,h)anthracene	25.845	278	257856	4.32	ng/ul	98
96) Benzo(g,h,i)perylene	26.521	276	266463	4.17	ng/ul#	95

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

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