

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061522\
 Data File : BN020210.D
 Acq On : 16 Jun 2022 18:31
 Operator : CG/JU
 Sample : N3285-14MS
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EW4Q7MS

Quant Time: Jun 17 02:28:28 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN060622.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 16 00:50:14 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 06/17/2022
 Supervised By :mohammad ahmed 06/22/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	150802	20.000	ng/u1	0.00
20) Naphthalene-d8	10.581	136	741645	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.422	164	467943	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.163	188	959430	20.000	ng/u1	0.00
79) Chrysene-d12	21.363	240	815588	20.000	ng/u1	0.00
88) Perylene-d12	23.674	264	730788	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	17361	4.986	ng/uL	0.00
4) Pyridine-d5	3.669	84	101802	10.698	ng/u1	0.00
7) Phenol-d5	6.993	99	103617	8.304	ng/u1	0.02
9) Bis-(2-Chloroethyl)eth...	7.128	67	287520	36.879	ng/u1	0.00
11) 2-Chlorophenol-d4	7.340	132	296722	29.265	ng/u1	0.01
15) 4-Methylphenol-d8	8.522	113	210931	19.538	ng/u1	0.02
21) Nitrobenzene-d5	8.946	128	206411	36.583	ng/u1	0.00
24) 2-Nitrophenol-d4	9.669	143	221674	37.020	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.222	165	357237	34.174	ng/u1	0.01
31) 4-Chloroaniline-d4	10.722	131	526810	31.120	ng/u1	0.00
46) Dimethylphthalate-d6	13.839	166	1332246	39.128	ng/u1	0.00
49) Acenaphthylene-d8	14.116	160	1480311	37.490	ng/u1	0.00
54) 4-Nitrophenol-d4	14.675	143	51993	7.620	ng/u1	0.05
60) Fluorene-d10	15.416	176	1092611	38.779	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.545	200	231837	41.715	ng/u1	0.00
73) Anthracene-d10	17.263	188	1637356	39.104	ng/u1	0.00
81) Pyrene-d10	19.563	212	1868453	42.259	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.527	264	1470310	41.121	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.293	88	21912	5.961	ng/uL#	89
5) Pyridine	3.687	79	117134	11.741	ng/u1	89
6) Benzaldehyde	6.934	77	262967m	44.725	ng/u1	
8) Phenol	7.016	94	117336	8.831	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.222	93	388060	37.314	ng/u1	99
12) 2-Chlorophenol	7.369	128	314434	29.669	ng/u1	98
13) 2-Methylphenol	8.257	108	240558	23.549	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.328	45	605629	37.137	ng/u1	98
16) Acetophenone	8.616	105	637565	38.833	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.604	70	325202	38.774	ng/u1	94
18) 4-Methylphenol	8.581	108	227522	20.181	ng/u1	94
19) Hexachloroethane	8.869	117	149346	35.022	ng/u1	89
22) Nitrobenzene	8.987	77	473793	36.216	ng/u1	96
23) Isophorone	9.516	82	942779	36.499	ng/u1	99
25) 2-Nitrophenol	9.698	139	239898	36.256	ng/u1	99
26) 2,4-Dimethylphenol	9.775	107	390697	28.501	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.998	93	567093	35.876	ng/u1	99
29) 2,4-Dichlorophenol	10.251	162	371771	34.381	ng/u1	98
30) Naphthalene	10.634	128	1343650	34.957	ng/u1	100
32) 4-Chloroaniline	10.745	127	524984	31.005	ng/u1	100
33) Hexachlorobutadiene	10.928	225	210101	33.843	ng/u1	97
34) Caprolactam	11.510	113	20298	4.807	ng/u1	86
35) 4-Chloro-3-methylphenol	11.892	107	418246	32.757	ng/u1	99
36) 2-Methylnaphthalene	12.245	142	953673	36.700	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.469	142	979072	36.921	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.622	216	444391	37.236	ng/ul	99
40) Hexachlorocyclopentadiene	12.604	237	169915	23.404	ng/ul	95
41) 2,4,6-Trichlorophenol	12.863	196	322552	39.196	ng/ul	93
42) 2,4,5-Trichlorophenol	12.951	196	350770	38.487	ng/ul	97
43) 1,1'-Biphenyl	13.263	154	1302669	37.595	ng/ul	99
44) 2-Chloronaphthalene	13.298	162	978239	37.215	ng/ul	96
45) 2-Nitroaniline	13.504	65	346309	42.347	ng/ul	96
47) Dimethylphthalate	13.886	163	1313178	38.312	ng/ul	98
48) 2,6-Dinitrotoluene	14.004	165	290861	43.402	ng/ul	95
50) Acenaphthylene	14.145	152	1639087	37.493	ng/ul	100
51) 3-Nitroaniline	14.333	138	282619	39.891	ng/ul	98
52) Acenaphthene	14.486	153	1076850	37.711	ng/ul	99
53) 2,4-Dinitrophenol	14.539	184	169986	39.618	ng/ul	93
55) 4-Nitrophenol	14.686	109	46848	8.044	ng/ul	100
56) Dibenzofuran	14.822	168	1516410	37.693	ng/ul	97
57) 2,4-Dinitrotoluene	14.792	165	417717	42.097	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.057	232	285011	39.837	ng/ul	92
59) Diethylphthalate	15.251	149	1381343	39.144	ng/ul	97
61) Fluorene	15.475	166	1186190	37.892	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.469	204	540692	37.505	ng/ul	92
63) 4-Nitroaniline	15.492	138	291718	44.064	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.557	198	233829	41.499	ng/ul	93
67) N-Nitrosodiphenylamine	15.680	169	1098503	39.938	ng/ul	98
68) 4-Bromophenyl-phenylether	16.363	248	338251	40.484	ng/ul	95
69) Hexachlorobenzene	16.480	284	375756	39.124	ng/ul#	90
70) Atrazine	16.633	200	388831	40.516	ng/ul	92
71) Pentachlorophenol	16.827	266	237256	39.662	ng/ul	96
72) Phenanthrene	17.210	178	2020504	39.905	ng/ul	100
74) Anthracene	17.298	178	1989604	39.079	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.228	216	479746	37.341	ng/ul	96
76) Pentachlorobenzene	14.751	250	451938	39.801	ng/ul	95
77) Carbazole	17.569	167	1906533	41.163	ng/ul	97
78) Di-n-butylphthalate	18.139	149	2392413	41.655	ng/ul	99
80) Fluoranthene	19.227	202	2284800	42.786	ng/ul	97
82) Pyrene	19.592	202	2328130	42.495	ng/ul	96
83) Butylbenzylphthalate	20.498	149	1145101	46.444	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.274	252	540685	34.709	ng/ul#	93
85) Benzo(a)anthracene	21.345	228	2018447	39.192	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.280	149	1578108	45.364	ng/ul#	97
87) Chrysene	21.398	228	1986405	39.424	ng/ul	99
89) Di-n-octyl phthalate	22.180	149	2857758	48.046	ng/ul	100
90) Benzo(b)fluoranthene	22.974	252	1933762	42.162	ng/ul	97
91) Benzo(k)fluoranthene	23.021	252	1793055	41.068	ng/ul	98
93) Benzo(a)pyrene	23.574	252	1783327	40.168	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	26.056	276	1796853	39.337	ng/ul#	92
95) Dibenzo(a,h)anthracene	26.068	278	1587062	40.678	ng/ul	97
96) Benzo(g,h,i)perylene	26.786	276	1588454	41.179	ng/ul	95

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

