

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061522\
 Data File : BN020217.D
 Acq On : 16 Jun 2022 22:45
 Operator : CG/JU
 Sample : N3294-13MS
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EW4Q7MS

Quant Time: Jun 17 02:29:30 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	166141	20.000	ng/u1	0.00
20) Naphthalene-d8	10.581	136	784672	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.422	164	500388	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.163	188	1031890	20.000	ng/u1	0.00
79) Chrysene-d12	21.357	240	828895	20.000	ng/u1	0.00
88) Perylene-d12	23.663	264	731615	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	18405m	4.798	ng/uL	0.00
4) Pyridine-d5	3.670	84	107247	10.229	ng/u1	0.00
7) Phenol-d5	6.987	99	115589	8.408	ng/u1	0.02
9) Bis-(2-Chloroethyl)eth...	7.128	67	326223	37.980	ng/u1	0.00
11) 2-Chlorophenol-d4	7.334	132	340257	30.461	ng/u1	0.00
15) 4-Methylphenol-d8	8.522	113	235770	19.822	ng/u1	0.02
21) Nitrobenzene-d5	8.946	128	234384	39.263	ng/u1	0.00
24) 2-Nitrophenol-d4	9.669	143	249969	39.456	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.222	165	400667	36.227	ng/u1	0.01
31) 4-Chloroaniline-d4	10.716	131	582020	32.496	ng/u1	0.00
46) Dimethylphthalate-d6	13.840	166	1463564	40.198	ng/u1	0.00
49) Acenaphthylene-d8	14.116	160	1642809	38.908	ng/u1	0.00
54) 4-Nitrophenol-d4	14.669	143	59307	8.129	ng/u1	0.04
60) Fluorene-d10	15.416	176	1203815	39.956	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.540	200	263813	44.136	ng/u1	0.00
73) Anthracene-d10	17.263	188	1829925	40.634	ng/u1	0.00
81) Pyrene-d10	19.563	212	2001509	44.541	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.521	264	1531151	42.774	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.293	88	23030	5.687	ng/uL	98
5) Pyridine	3.687	79	132215	12.029	ng/u1	93
6) Benzaldehyde	6.934	77	299578m	46.247	ng/u1	
8) Phenol	7.016	94	132602	9.058	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.216	93	433605	37.844	ng/u1	99
12) 2-Chlorophenol	7.364	128	350454	30.015	ng/u1	99
13) 2-Methylphenol	8.258	108	268811	23.886	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.328	45	681141	37.911	ng/u1	97
16) Acetophenone	8.611	105	705073	38.980	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.599	70	363547	39.344	ng/u1	95
18) 4-Methylphenol	8.581	108	253349	20.397	ng/u1	99
19) Hexachloroethane	8.869	117	168880	35.946	ng/u1	89
22) Nitrobenzene	8.987	77	528658	38.194	ng/u1	96
23) Isophorone	9.516	82	1050638	38.444	ng/u1	99
25) 2-Nitrophenol	9.699	139	272003	38.854	ng/u1	97
26) 2,4-Dimethylphenol	9.775	107	430707	29.697	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.999	93	629967	37.668	ng/u1	98
29) 2,4-Dichlorophenol	10.246	162	411792	35.994	ng/u1	97
30) Naphthalene	10.634	128	1501087	36.912	ng/u1	99
32) 4-Chloroaniline	10.746	127	584006	32.600	ng/u1	98
33) Hexachlorobutadiene	10.922	225	237616	36.176	ng/u1	100
34) Caprolactam	11.510	113	23525	5.266	ng/u1	95
35) 4-Chloro-3-methylphenol	11.893	107	465036	34.425	ng/u1	99
36) 2-Methylnaphthalene	12.246	142	1054629	38.360	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.463	142	1088108	38.783	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.616	216	487702	38.215	ng/ul	99
40) Hexachlorocyclopentadiene	12.599	237	200836	25.870	ng/ul	99
41) 2,4,6-Trichlorophenol	12.863	196	362851	41.234	ng/ul	97
42) 2,4,5-Trichlorophenol	12.951	196	389255	39.940	ng/ul	97
43) 1,1'-Biphenyl	13.257	154	1420432	38.336	ng/ul	99
44) 2-Chloronaphthalene	13.298	162	1087177	38.677	ng/ul	96
45) 2-Nitroaniline	13.504	65	387758	44.341	ng/ul	95
47) Dimethylphthalate	13.887	163	1459720	39.826	ng/ul	99
48) 2,6-Dinitrotoluene	14.004	165	323500	45.142	ng/ul	92
50) Acenaphthylene	14.146	152	1816124	38.849	ng/ul	100
51) 3-Nitroaniline	14.328	138	311262	41.085	ng/ul	96
52) Acenaphthene	14.487	153	1191414	39.017	ng/ul	98
53) 2,4-Dinitrophenol	14.540	184	190603	41.542	ng/ul	99
55) 4-Nitrophenol	14.681	109	51907	8.335	ng/ul	97
56) Dibenzofuran	14.822	168	1682687	39.114	ng/ul	97
57) 2,4-Dinitrotoluene	14.793	165	459778	43.331	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.057	232	309197	40.415	ng/ul#	87
59) Diethylphthalate	15.251	149	1551081	41.104	ng/ul	97
61) Fluorene	15.469	166	1293969	38.655	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.463	204	595211	38.610	ng/ul	89
63) 4-Nitroaniline	15.493	138	321884	45.468	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.557	198	261620	43.170	ng/ul	96
67) N-Nitrosodiphenylamine	15.681	169	1201722	40.623	ng/ul	98
68) 4-Bromophenyl-phenylether	16.357	248	378463	42.116	ng/ul#	90
69) Hexachlorobenzene	16.481	284	423545	41.003	ng/ul#	92
70) Atrazine	16.634	200	435699	42.212	ng/ul	94
71) Pentachlorophenol	16.828	266	265124	41.209	ng/ul	95
72) Phenanthrene	17.210	178	2200191	40.403	ng/ul	99
74) Anthracene	17.298	178	2184072	39.886	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.222	216	536280	38.810	ng/ul	99
76) Pentachlorobenzene	14.751	250	498638	40.830	ng/ul	98
77) Carbazole	17.569	167	2120833	42.574	ng/ul	98
78) Di-n-butylphthalate	18.139	149	2706362	43.813	ng/ul	99
80) Fluoranthene	19.228	202	2517115	46.380	ng/ul	98
82) Pyrene	19.592	202	2482186	44.580	ng/ul	95
83) Butylbenzylphthalate	20.492	149	1275136	50.887	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.275	252	553178	34.941	ng/ul#	98
85) Benzo(a)anthracene	21.339	228	2113423	40.377	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.280	149	1704797	48.219	ng/ul	99
87) Chrysene	21.392	228	2123685	41.472	ng/ul	99
89) Di-n-octyl phthalate	22.174	149	3121024	52.413	ng/ul	100
90) Benzo(b)fluoranthene	22.969	252	2027083	44.146	ng/ul#	97
91) Benzo(k)fluoranthene	23.016	252	1845130m	42.212	ng/ul	
93) Benzo(a)pyrene	23.569	252	1847887	41.575	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	26.045	276	1973052	43.146	ng/ul#	93
95) Dibenzo(a,h)anthracene	26.063	278	1663800	42.596	ng/ul	98
96) Benzo(g,h,i)perylene	26.768	276	1682531	43.569	ng/ul#	92

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

