

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060722\
 Data File : BN020047.D
 Acq On : 08 Jun 2022 02:31
 Operator : CG/JU
 Sample : PB145285BS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS285

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/08/2022
 Supervised By :mohammad ahmed 06/09/2022

Quant Time: Jun 08 03:22:05 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN060622.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jun 06 15:14:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.822	152	127489	20.000	ng/u1	0.00
20) Naphthalene-d8	10.610	136	601445	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.451	164	392299	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.192	188	819511	20.000	ng/u1	0.00
79) Chrysene-d12	21.380	240	753635	20.000	ng/u1	0.00
88) Perylene-d12	23.710	264	784633	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	16935	5.753	ng/uL	0.00
4) Pyridine-d5	3.687	84	238331	29.624	ng/u1	0.00
7) Phenol-d5	6.987	99	344047	32.613	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.152	67	210952	32.006	ng/u1	0.00
11) 2-Chlorophenol-d4	7.352	132	281918	32.890	ng/u1	0.00
15) 4-Methylphenol-d8	8.528	113	304171	33.327	ng/u1	0.00
21) Nitrobenzene-d5	8.975	128	150101	32.804	ng/u1	0.00
24) 2-Nitrophenol-d4	9.693	143	163751	33.721	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.234	165	283555	33.449	ng/u1	0.00
31) 4-Chloroaniline-d4	10.746	131	655372	47.739	ng/u1	0.00
46) Dimethylphthalate-d6	13.863	166	924423	32.385	ng/u1	0.00
49) Acenaphthylene-d8	14.139	160	1077501	32.550	ng/u1	0.00
54) 4-Nitrophenol-d4	14.645	143	194837	34.063	ng/u1	0.00
60) Fluorene-d10	15.439	176	762794	32.294	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.563	200	160826	33.879	ng/u1	0.00
73) Anthracene-d10	17.292	188	1165896	32.598	ng/u1	0.00
81) Pyrene-d10	19.586	212	1345843	32.941	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.557	264	1306414	34.030	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.317	88	35384	11.387	ng/uL#	95
5) Pyridine	3.705	79	240993	28.573	ng/u1	92
6) Benzaldehyde	6.957	77	218888	44.035	ng/u1	92
8) Phenol	7.016	94	359451	31.998	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.246	93	268929	30.587	ng/u1	97
12) 2-Chlorophenol	7.387	128	284812	31.788	ng/u1	97
13) 2-Methylphenol	8.263	108	279047	32.312	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.352	45	422802	30.667	ng/u1	97
16) Acetophenone	8.640	105	442009	31.845	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.628	70	223641	31.541	ng/u1	94
18) 4-Methylphenol	8.593	108	310204	32.545	ng/u1	98
19) Hexachloroethane	8.899	117	109655	30.417	ng/u1	88
22) Nitrobenzene	9.016	77	327158	30.837	ng/u1	96
23) Isophorone	9.540	82	652163	31.133	ng/u1	99
25) 2-Nitrophenol	9.728	139	173224	32.282	ng/u1	98
26) 2,4-Dimethylphenol	9.793	107	335906	30.216	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.028	93	385478	30.071	ng/u1	98
29) 2,4-Dichlorophenol	10.263	162	280092	31.941	ng/u1	99
30) Naphthalene	10.663	128	941714	30.211	ng/u1	99
32) 4-Chloroaniline	10.769	127	411701	29.983	ng/u1	99
33) Hexachlorobutadiene	10.957	225	152148	30.220	ng/u1	97
34) Caprolactam	11.522	113	112723m	32.918	ng/u1	
35) 4-Chloro-3-methylphenol	11.898	107	341937	33.024	ng/u1	98
36) 2-Methylnaphthalene	12.275	142	652054	30.942	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.493	142	669555	31.135	ng/ul	94
39) 1,2,4,5-Tetrachloroben...	12.645	216	300446	30.029	ng/ul	95
40) Hexachlorocyclopentadiene	12.634	237	159016	26.127	ng/ul	99
41) 2,4,6-Trichlorophenol	12.881	196	218526	31.675	ng/ul	92
42) 2,4,5-Trichlorophenol	12.951	196	246695	32.287	ng/ul	92
43) 1,1'-Biphenyl	13.287	154	883430	30.412	ng/ul	98
44) 2-Chloronaphthalene	13.328	162	678176	30.774	ng/ul	97
45) 2-Nitroaniline	13.528	65	232106	33.855	ng/ul	95
47) Dimethylphthalate	13.910	163	892855	31.072	ng/ul	99
48) 2,6-Dinitrotoluene	14.028	165	190250	33.863	ng/ul	94
50) Acenaphthylene	14.169	152	1134233	30.948	ng/ul	99
51) 3-Nitroaniline	14.345	138	212449	35.769	ng/ul	97
52) Acenaphthene	14.516	153	732029	30.578	ng/ul	99
53) 2,4-Dinitrophenol	14.557	184	108869	30.266	ng/ul	96
55) 4-Nitrophenol	14.657	109	159831	32.736	ng/ul	99
56) Dibenzofuran	14.851	168	1030596	30.557	ng/ul	95
57) 2,4-Dinitrotoluene	14.810	165	281803	33.876	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.075	232	190256	31.721	ng/ul	90
59) Diethylphthalate	15.275	149	942051	31.843	ng/ul	97
61) Fluorene	15.498	166	803030	30.598	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.492	204	372673	30.835	ng/ul	93
63) 4-Nitroaniline	15.510	138	215877	38.896	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.581	198	149839	31.133	ng/ul	98
67) N-Nitrosodiphenylamine	15.704	169	736088	31.331	ng/ul	99
68) 4-Bromophenyl-phenylether	16.386	248	222126	31.124	ng/ul	93
69) Hexachlorobenzene	16.504	284	253144	30.858	ng/ul#	93
70) Atrazine	16.657	200	209570	25.566	ng/ul	97
71) Pentachlorophenol	16.845	266	167621	32.806	ng/ul	97
72) Phenanthrene	17.233	178	1362348	31.501	ng/ul	99
74) Anthracene	17.328	178	1365050	31.389	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.251	216	326650	29.766	ng/uL	98
76) Pentachlorobenzene	14.775	250	301350	31.070	ng/uL	97
77) Carbazole	17.592	167	1301451	32.896	ng/ul	95
78) Di-n-butylphthalate	18.163	149	1637224	33.373	ng/ul	99
80) Fluoranthene	19.251	202	1570588	31.829	ng/ul	96
82) Pyrene	19.616	202	1627965	32.158	ng/ul	96
83) Butylbenzylphthalate	20.516	149	778838	34.185	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.292	252	517269	35.936	ng/ul#	97
85) Benzo(a)anthracene	21.363	228	1530297	32.156	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.304	149	1095474	34.079	ng/ul	98
87) Chrysene	21.416	228	1471291	31.601	ng/ul	99
89) Di-n-octyl phthalate	22.204	149	1998740	31.298	ng/ul	100
90) Benzo(b)fluoranthene	23.004	252	1632641m	33.154	ng/ul	
91) Benzo(k)fluoranthene	23.051	252	1514004	32.297	ng/ul	98
93) Benzo(a)pyrene	23.610	252	1539254	32.291	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	26.104	276	1542614	31.454	ng/ul	93
95) Dibenzo(a,h)anthracene	26.121	278	1311447	31.307	ng/ul	98
96) Benzo(g,h,i)perylene	26.839	276	1288235	31.105	ng/ul	95

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

