

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101422\
 Data File : BN022139.D
 Acq On : 15 Oct 2022 00:58
 Operator : CG/JU
 Sample : PB148269BS
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS269

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/15/2022
 Supervised By :mohammad ahmed 10/16/2022

Quant Time: Oct 15 02:00:42 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101222.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 13 03:08:08 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.952	152	172895	20.000	ng/u1	0.00
20) Naphthalene-d8	10.787	136	764502	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.628	164	459147	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.387	188	933893	20.000	ng/u1	0.00
79) Chrysene-d12	21.580	240	784706	20.000	ng/u1	-0.01
88) Perylene-d12	24.051	264	634868	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	25459	5.581	ng/uL	0.00
4) Pyridine-d5	3.693	84	393616	27.739	ng/u1	0.00
7) Phenol-d5	7.111	99	567178	33.556	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.281	67	336652	31.785	ng/u1	0.00
11) 2-Chlorophenol-d4	7.481	132	423290	36.119	ng/u1	0.00
15) 4-Methylphenol-d8	8.681	113	442479	32.946	ng/u1	0.00
21) Nitrobenzene-d5	9.134	128	220775	39.383	ng/u1	0.00
24) 2-Nitrophenol-d4	9.863	143	242004	42.119	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.405	165	401344	37.212	ng/u1	0.00
31) 4-Chloroaniline-d4	10.928	131	541982	30.737	ng/u1	0.00
46) Dimethylphthalate-d6	14.040	166	1116224	34.875	ng/u1	0.00
49) Acenaphthylene-d8	14.322	160	1338952	37.462	ng/u1	0.00
54) 4-Nitrophenol-d4	14.840	143	250761	36.705	ng/u1	0.00
60) Fluorene-d10	15.622	176	948573	35.138	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.751	200	175545	32.949	ng/u1	0.00
73) Anthracene-d10	17.487	188	1507473	37.145	ng/u1	0.00
81) Pyrene-d10	19.786	212	1642106	42.031	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.886	264	1206686	38.756	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.293	88	54645	10.991	ng/uL	97
5) Pyridine	3.711	79	392927	27.913	ng/u1	94
6) Benzaldehyde	7.087	77	347729	41.660	ng/u1	98
8) Phenol	7.140	94	549200	30.613	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.375	93	433540	30.376	ng/u1	99
12) 2-Chlorophenol	7.511	128	425259	32.863	ng/u1	98
13) 2-Methylphenol	8.405	108	412014	30.717	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.499	45	584055	28.597	ng/u1	98
16) Acetophenone	8.793	105	640687	29.857	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.781	70	339764	29.728	ng/u1	96
18) 4-Methylphenol	8.740	108	453182	30.174	ng/u1	99
19) Hexachloroethane	9.046	117	170537	33.755	ng/u1	96
22) Nitrobenzene	9.181	77	510907	34.515	ng/u1	97
23) Isophorone	9.710	82	953375	32.623	ng/u1	99
25) 2-Nitrophenol	9.893	139	247560	36.509	ng/u1	99
26) 2,4-Dimethylphenol	9.957	107	479799	33.560	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.199	93	588153	32.185	ng/u1	99
29) 2,4-Dichlorophenol	10.428	162	388947	34.580	ng/u1	99
30) Naphthalene	10.834	128	1344602	32.832	ng/u1	99
32) 4-Chloroaniline	10.952	127	526167	28.785	ng/u1	100
33) Hexachlorobutadiene	11.116	225	216779	35.124	ng/u1	96
34) Caprolactam	11.746	113	142779m	32.669	ng/u1	
35) 4-Chloro-3-methylphenol	12.081	107	451734	33.312	ng/u1	97
36) 2-Methylnaphthalene	12.451	142	896170	31.686	ng/u1	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.675	142	890799	31.453	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.822	216	407404	34.205	ng/ul	98
40) Hexachlorocyclopentadiene	12.793	237	187289	28.127	ng/ul#	86
41) 2,4,6-Trichlorophenol	13.063	196	295939	36.438	ng/ul	96
42) 2,4,5-Trichlorophenol	13.134	196	330052	36.491	ng/ul	99
43) 1,1'-Biphenyl	13.463	154	1147958	34.249	ng/ul	100
44) 2-Chloronaphthalene	13.504	162	893995	34.135	ng/ul	92
45) 2-Nitroaniline	13.716	65	302588	37.294	ng/ul	99
47) Dimethylphthalate	14.087	163	1118754	32.518	ng/ul	99
48) 2,6-Dinitrotoluene	14.216	165	242615	37.648	ng/ul	94
50) Acenaphthylene	14.351	152	1407173	34.475	ng/ul	97
51) 3-Nitroaniline	14.546	138	266413	35.013	ng/ul	99
52) Acenaphthene	14.693	153	969859	33.507	ng/ul	99
53) 2,4-Dinitrophenol	14.751	184	121938	27.933	ng/ul	96
55) 4-Nitrophenol	14.857	109	185596	33.506	ng/ul	95
56) Dibenzofuran	15.028	168	1279240	32.388	ng/ul	96
57) 2,4-Dinitrotoluene	15.004	165	348956	36.963	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.257	232	270737	35.968	ng/ul	95
59) Diethylphthalate	15.451	149	1160582	33.212	ng/ul	98
61) Fluorene	15.681	166	1032329	32.512	ng/ul	91
62) 4-Chlorophenyl-phenyle...	15.675	204	479677	32.241	ng/ul	99
63) 4-Nitroaniline	15.710	138	304429	42.879	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.769	198	172983	30.242	ng/ul#	92
67) N-Nitrosodiphenylamine	15.887	169	916675	33.942	ng/ul	99
68) 4-Bromophenyl-phenylether	16.569	248	300325	36.404	ng/ul	97
69) Hexachlorobenzene	16.687	284	338565	33.714	ng/ul	91
70) Atrazine	16.845	200	326632	35.913	ng/ul	98
71) Pentachlorophenol	17.034	266	223626	36.012	ng/ul	96
72) Phenanthrene	17.428	178	1672178	33.193	ng/ul	99
74) Anthracene	17.522	178	1712469	34.223	ng/ul	96
75) 1,2,3,4-Tetrachloroben...	13.428	216	439348	37.403	ng/ul	97
76) Pentachlorobenzene	14.945	250	414973	32.914	ng/ul	94
77) Carbazole	17.798	167	1646367	35.572	ng/ul	98
78) Di-n-butylphthalate	18.357	149	2084560	36.341	ng/ul	100
80) Fluoranthene	19.451	202	1951658	39.796	ng/ul	99
82) Pyrene	19.816	202	1948641	37.980	ng/ul	99
83) Butylbenzylphthalate	20.710	149	1007678	45.269	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.498	252	594249	35.017	ng/ul	99
85) Benzo(a)anthracene	21.569	228	1754899	34.999	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.486	149	1438208	44.671	ng/ul	98
87) Chrysene	21.622	228	1602611	33.259	ng/ul	98
89) Di-n-octyl phthalate	22.427	149	2577367	57.299	ng/ul	100
90) Benzo(b)fluoranthene	23.292	252	1557188	38.889	ng/ul	97
91) Benzo(k)fluoranthene	23.339	252	1529662	38.667	ng/ul	98
93) Benzo(a)pyrene	23.939	252	1281068	35.797	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.651	276	1451561	32.451	ng/ul	97
95) Dibenzo(a,h)anthracene	26.668	278	1206341	30.144	ng/ul	99
96) Benzo(g,h,i)perylene	27.445	276	1197340	29.753	ng/ul	98

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

