

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101422\
 Data File : BN022088.D
 Acq On : 13 Oct 2022 14:59
 Operator : CG/JU
 Sample : PB148241BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS241

Quant Time: Oct 13 22:39:37 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

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 10/14/2022
 Supervised By :mohammad ahmed 10/16/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.958	152	135754	20.000	ng/u1	0.00
20) Naphthalene-d8	10.787	136	646942	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.634	164	416662	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.387	188	899841	20.000	ng/u1	0.00
79) Chrysene-d12	21.586	240	933503	20.000	ng/u1	0.00
88) Perylene-d12	24.057	264	1006999	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	23539	6.572	ng/uL	0.00
4) Pyridine-d5	3.693	84	318798	28.613	ng/u1	0.00
7) Phenol-d5	7.117	99	446099	33.614	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.287	67	273364	32.871	ng/u1	0.00
11) 2-Chlorophenol-d4	7.481	132	325419	35.365	ng/u1	0.00
15) 4-Methylphenol-d8	8.681	113	349010	33.096	ng/u1	0.00
21) Nitrobenzene-d5	9.140	128	166307	35.058	ng/u1	0.00
24) 2-Nitrophenol-d4	9.863	143	174903	35.972	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.405	165	316950	34.728	ng/u1	0.00
31) 4-Chloroaniline-d4	10.928	131	437124	29.295	ng/u1	0.00
46) Dimethylphthalate-d6	14.046	166	979247	33.715	ng/u1	0.00
49) Acenaphthylene-d8	14.328	160	1131601	34.889	ng/u1	0.00
54) 4-Nitrophenol-d4	14.834	143	226009	36.456	ng/u1	0.00
60) Fluorene-d10	15.628	176	850079	34.700	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.751	200	178374	34.747	ng/u1	0.00
73) Anthracene-d10	17.487	188	1338171	34.221	ng/u1	0.00
81) Pyrene-d10	19.786	212	1540600	33.148	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.892	264	1682585	34.071	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.293	88	47427	12.149	ng/uL	98
5) Pyridine	3.711	79	321941	29.127	ng/u1	100
6) Benzaldehyde	7.087	77	266644	40.685	ng/u1	96
8) Phenol	7.140	94	438260	31.112	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.381	93	343121	30.618	ng/u1	99
12) 2-Chlorophenol	7.516	128	326291	32.114	ng/u1	97
13) 2-Methylphenol	8.411	108	323768	30.742	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.493	45	482140m	30.066	ng/u1	
16) Acetophenone	8.799	105	519810	30.852	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.787	70	275777	30.731	ng/u1	98
18) 4-Methylphenol	8.746	108	364770	30.932	ng/u1	99
19) Hexachloroethane	9.046	117	125204	31.563	ng/u1	97
22) Nitrobenzene	9.181	77	405493	32.372	ng/u1	99
23) Isophorone	9.710	82	785886	31.778	ng/u1	98
25) 2-Nitrophenol	9.899	139	189936	33.101	ng/u1	98
26) 2,4-Dimethylphenol	9.958	107	380481	31.449	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.199	93	482119	31.176	ng/u1	98
29) 2,4-Dichlorophenol	10.434	162	313734	32.961	ng/u1	99
30) Naphthalene	10.840	128	1069705	30.866	ng/u1	98
32) 4-Chloroaniline	10.957	127	437193	28.264	ng/u1	97
33) Hexachlorobutadiene	11.122	225	164394	31.477	ng/u1	94
34) Caprolactam	11.746	113	119192m	32.228	ng/u1	
35) 4-Chloro-3-methylphenol	12.081	107	373828	32.577	ng/u1	96
36) 2-Methylnaphthalene	12.457	142	726259	30.345	ng/u1	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.675	142	737577	30.775	ng/ul	91
39) 1,2,4,5-Tetrachloroben...	12.822	216	340464	31.499	ng/ul	96
40) Hexachlorocyclopentadiene	12.799	237	196863	32.580	ng/ul#	87
41) 2,4,6-Trichlorophenol	13.063	196	244422	33.164	ng/ul	98
42) 2,4,5-Trichlorophenol	13.140	196	266996	32.530	ng/ul	96
43) 1,1'-Biphenyl	13.469	154	971772	31.948	ng/ul	98
44) 2-Chloronaphthalene	13.510	162	738894	31.090	ng/ul	92
45) 2-Nitroaniline	13.722	65	255808	34.743	ng/ul	100
47) Dimethylphthalate	14.093	163	958747	30.709	ng/ul	99
48) 2,6-Dinitrotoluene	14.216	165	201273	34.417	ng/ul	98
50) Acenaphthylene	14.357	152	1210427	32.679	ng/ul	98
51) 3-Nitroaniline	14.546	138	228764	33.130	ng/ul	99
52) Acenaphthene	14.698	153	828639	31.547	ng/ul	98
53) 2,4-Dinitrophenol	14.751	184	121678	30.715	ng/ul	99
55) 4-Nitrophenol	14.851	109	164439	32.713	ng/ul	96
56) Dibenzofuran	15.034	168	1126818	31.438	ng/ul	100
57) 2,4-Dinitrotoluene	15.004	165	301740	35.221	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.257	232	215377	31.531	ng/ul	95
59) Diethylphthalate	15.457	149	1031920	32.541	ng/ul	98
61) Fluorene	15.681	166	906213	31.450	ng/ul	88
62) 4-Chlorophenyl-phenyle...	15.675	204	411604	30.486	ng/ul	99
63) 4-Nitroaniline	15.710	138	255719	39.691	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.763	198	171957	31.201	ng/ul	100
67) N-Nitrosodiphenylamine	15.893	169	827739	31.808	ng/ul	99
68) 4-Bromophenyl-phenylether	16.575	248	259622	32.661	ng/ul	91
69) Hexachlorobenzene	16.687	284	304968	31.517	ng/ul#	89
70) Atrazine	16.851	200	292250	33.349	ng/ul	97
71) Pentachlorophenol	17.034	266	197191	32.957	ng/ul	91
72) Phenanthrene	17.428	178	1549197	31.915	ng/ul	97
74) Anthracene	17.522	178	1566857	32.498	ng/ul	96
75) 1,2,3,4-Tetrachloroben...	13.434	216	351917	31.093	ng/ul	97
76) Pentachlorobenzene	14.951	250	341153	28.083	ng/ul	97
77) Carbazole	17.792	167	1505575	33.761	ng/ul	99
78) Di-n-butylphthalate	18.357	149	1824563	33.012	ng/ul	99
80) Fluoranthene	19.451	202	1810936	31.040	ng/ul	97
82) Pyrene	19.816	202	1853842	30.373	ng/ul	98
83) Butylbenzylphthalate	20.716	149	877182	33.125	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.504	252	623196	30.869	ng/ul	98
85) Benzo(a)anthracene	21.575	228	1832763	30.726	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.492	149	1276371	33.325	ng/ul	100
87) Chrysene	21.628	228	1802003	31.436	ng/ul	97
89) Di-n-octyl phthalate	22.439	149	2281399	31.976	ng/ul	100
90) Benzo(b)fluoranthene	23.304	252	2033382	32.016	ng/ul	99
91) Benzo(k)fluoranthene	23.351	252	2034521	32.424	ng/ul	99
93) Benzo(a)pyrene	23.945	252	1838167	32.382	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.651	276	2438432	34.369	ng/ul	95
95) Dibenzo(a,h)anthracene	26.674	278	2072695	32.653	ng/ul#	93
96) Benzo(g,h,i)perylene	27.462	276	2120842	33.226	ng/ul	99

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

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