

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022124\
 Data File : BN029898.D
 Acq On : 21 Feb 2024 19:50
 Operator : MA/JU
 Sample : PB159066BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS066

Quant Time: Feb 21 22:30:55 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Feb 13 22:50:45 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/22/2024
 Supervised By :mohammad ahmed 02/24/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.857	152	108103	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.657	136	445124	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.504	164	237743	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.257	188	482008	20.000	ng/u1	-0.01
79) Chrysene-d12	21.457	240	435348	20.000	ng/u1	-0.01
88) Perylene-d12	23.821	264	460191	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.317	96	29411	8.949	ng/uL	0.00
4) Pyridine-d5	3.722	84	427118	48.730	ng/u1	0.00
7) Phenol-d5	7.028	99	520788	51.505	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.205	67	338924	50.224	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.387	132	404530	55.209	ng/u1	-0.01
15) 4-Methylphenol-d8	8.575	113	397077	52.656	ng/u1	-0.01
21) Nitrobenzene-d5	9.028	128	198998	57.601	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.746	143	192995	64.143	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.281	165	356686	60.059	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.804	131	495738	48.928	ng/u1	-0.01
46) Dimethylphthalate-d6	13.928	166	1001929	56.606	ng/u1	0.00
49) Acenaphthylene-d8	14.198	160	1190889	56.654	ng/u1	0.00
54) 4-Nitrophenol-d4	14.716	143	195819	58.289	ng/u1	0.00
60) Fluorene-d10	15.498	176	844606	56.091	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.628	200	145559	61.976	ng/u1	0.00
73) Anthracene-d10	17.357	188	1309158	57.954	ng/u1	0.00
81) Pyrene-d10	19.657	212	1485333	56.854	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.668	264	1434871	62.311	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.352	88	64721	19.013	ng/uL	93
5) Pyridine	3.746	79	422345	46.577	ng/u1	96
6) Benzaldehyde	7.010	77	275442m	60.770	ng/u1	
8) Phenol	7.058	94	531163	51.256	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.299	93	430018	49.348	ng/u1	99
12) 2-Chlorophenol	7.422	128	414513	53.920	ng/u1	99
13) 2-Methylphenol	8.304	108	379771	50.784	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.387	45	564877	49.634	ng/u1	99
16) Acetophenone	8.693	105	631176	52.590	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.681	70	337932	54.537	ng/u1	98
18) 4-Methylphenol	8.640	108	410788	51.984	ng/u1	98
19) Hexachloroethane	8.928	117	179777	50.393	ng/u1	96
22) Nitrobenzene	9.069	77	518525	52.972	ng/u1	100
23) Isophorone	9.593	82	917694	53.823	ng/u1	100
25) 2-Nitrophenol	9.775	139	212278	61.782	ng/u1	96
26) 2,4-Dimethylphenol	9.840	107	346258	42.050	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.087	93	562535	51.914	ng/u1	99
29) 2,4-Dichlorophenol	10.304	162	345943	56.373	ng/u1	99
30) Naphthalene	10.704	128	1310006	51.488	ng/u1	99
32) 4-Chloroaniline	10.828	127	404654	40.458	ng/u1	100
33) Hexachlorobutadiene	10.981	225	208359	55.015	ng/u1	96
34) Caprolactam	11.616	113	119072m	58.310	ng/u1	
35) 4-Chloro-3-methylphenol	11.951	107	410672	57.937	ng/u1	100
36) 2-Methylnaphthalene	12.322	142	847121	54.315	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.540	142	823715	53.272	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.687	216	387956	55.052	ng/ul	99
40) Hexachlorocyclopentadiene	12.657	237	200581	43.545	ng/ul	91
41) 2,4,6-Trichlorophenol	12.934	196	236856	58.313	ng/ul	98
42) 2,4,5-Trichlorophenol	13.004	196	268326	58.792	ng/ul	99
43) 1,1'-Biphenyl	13.340	154	1039271	51.834	ng/ul	99
44) 2-Chloronaphthalene	13.375	162	818185	52.506	ng/ul	98
45) 2-Nitroaniline	13.592	65	280996	61.335	ng/ul	97
47) Dimethylphthalate	13.975	163	1012681	55.891	ng/ul	99
48) 2,6-Dinitrotoluene	14.098	165	204551	63.091	ng/ul	99
50) Acenaphthylene	14.228	152	1358886	53.866	ng/ul	98
51) 3-Nitroaniline	14.422	138	221664	58.744	ng/ul	98
52) Acenaphthene	14.569	153	881933	52.923	ng/ul	95
53) 2,4-Dinitrophenol	14.634	184	92139	55.999	ng/ul	95
55) 4-Nitrophenol	14.734	109	178052	57.962	ng/ul	96
56) Dibenzofuran	14.904	168	1180734	53.656	ng/ul	96
57) 2,4-Dinitrotoluene	14.881	165	305555	66.939	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.128	232	208156	64.262	ng/ul	97
59) Diethylphthalate	15.345	149	1083639	58.224	ng/ul	98
61) Fluorene	15.557	166	983412	56.537	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.557	204	441686	56.773	ng/ul	98
63) 4-Nitroaniline	15.592	138	242769m	71.283	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.645	198	158991	61.404	ng/ul	94
67) N-Nitrosodiphenylamine	15.775	169	829450	55.222	ng/ul	95
68) 4-Bromophenyl-phenylether	16.451	248	269932	59.167	ng/ul	90
69) Hexachlorobenzene	16.551	284	312768	60.822	ng/ul	94
70) Atrazine	16.733	200	188903	40.254	ng/ul	98
71) Pentachlorophenol	16.904	266	174284	58.360	ng/ul	94
72) Phenanthrene	17.298	178	1560919	55.983	ng/ul	98
74) Anthracene	17.392	178	1584572	56.627	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.298	216	376493	53.229	ng/uL	96
76) Pentachlorobenzene	14.816	250	344138	54.337	ng/uL	96
77) Carbazole	17.669	167	1427782	55.864	ng/ul	100
78) Di-n-butylphthalate	18.245	149	1925013	62.634	ng/ul	99
80) Fluoranthene	19.322	202	1798519	56.671	ng/ul	97
82) Pyrene	19.686	202	1842252	54.872	ng/ul	96
83) Butylbenzylphthalate	20.604	149	874663	63.924	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.386	252	463902	55.015	ng/ul	95
85) Benzo(a)anthracene	21.445	228	1770005	55.346	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.392	149	1342066	63.410	ng/ul	99
87) Chrysene	21.498	228	1690736	56.412	ng/ul	98
89) Di-n-octyl phthalate	22.316	149	2277712	63.852	ng/ul	100
90) Benzo(b)fluoranthene	23.104	252	1717312	59.246	ng/ul	96
91) Benzo(k)fluoranthene	23.151	252	1799795	60.664	ng/ul	97
93) Benzo(a)pyrene	23.721	252	1664067	59.864	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	26.274	276	1916273	56.611	ng/ul	98
95) Dibenzo(a,h)anthracene	26.292	278	1602234	57.979	ng/ul	98
96) Benzo(g,h,i)perylene	27.015	276	1552867	54.850	ng/ul	96

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

