

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021924\
 Data File : BN029848.D
 Acq On : 19 Feb 2024 13:04
 Operator : MA/JU
 Sample : PB159058BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS058

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/21/2024
 Supervised By :mohammad ahmed 02/21/2024

Quant Time: Feb 19 13:43:01 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.864	152	132444	20.000	ng/u1	0.00
20) Naphthalene-d8	10.663	136	542310	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.504	164	295147	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.263	188	626328	20.000	ng/u1	0.00
79) Chrysene-d12	21.463	240	578606	20.000	ng/u1	0.00
88) Perylene-d12	23.821	264	625093	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.317	96	25178	6.253	ng/uL	0.00
4) Pyridine-d5	3.728	84	333448	31.052	ng/u1	0.00
7) Phenol-d5	7.034	99	407772	32.916	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.211	67	266377	32.219	ng/u1	0.00
11) 2-Chlorophenol-d4	7.393	132	315632	35.160	ng/u1	0.00
15) 4-Methylphenol-d8	8.581	113	309198	33.467	ng/u1	0.00
21) Nitrobenzene-d5	9.034	128	150230	35.692	ng/u1	0.00
24) 2-Nitrophenol-d4	9.752	143	147168	40.147	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.287	165	273190	37.756	ng/u1	0.00
31) 4-Chloroaniline-d4	10.810	131	393041	31.841	ng/u1	0.00
46) Dimethylphthalate-d6	13.934	166	818538	37.250	ng/u1	0.00
49) Acenaphthylene-d8	14.198	160	944508	36.194	ng/u1	0.00
54) 4-Nitrophenol-d4	14.722	143	149842	35.928	ng/u1	0.00
60) Fluorene-d10	15.504	176	702808	37.596	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.634	200	117456	38.487	ng/u1	0.00
73) Anthracene-d10	17.363	188	1098520	37.424	ng/u1	0.00
81) Pyrene-d10	19.663	212	1249428	35.983	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.674	264	1217951	38.938	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.352	88	51828	12.427	ng/uL	95
5) Pyridine	3.746	79	350374	31.538	ng/u1	100
6) Benzaldehyde	7.011	77	218727	39.388	ng/u1	99
8) Phenol	7.064	94	426996	33.631	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.299	93	351009	32.878	ng/u1	98
12) 2-Chlorophenol	7.422	128	332429	35.295	ng/u1	98
13) 2-Methylphenol	8.311	108	306795	33.486	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.393	45	447269	32.077	ng/u1	99
16) Acetophenone	8.693	105	511303	34.772	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.681	70	273302	36.001	ng/u1	97
18) 4-Methylphenol	8.640	108	329657	34.050	ng/u1	100
19) Hexachloroethane	8.934	117	147005	33.634	ng/u1	97
22) Nitrobenzene	9.075	77	415661	34.854	ng/u1	96
23) Isophorone	9.599	82	727996	35.045	ng/u1	99
25) 2-Nitrophenol	9.781	139	165860	39.622	ng/u1	97
26) 2,4-Dimethylphenol	9.846	107	312283	31.127	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.093	93	445487	33.745	ng/u1	98
29) 2,4-Dichlorophenol	10.310	162	281109	37.599	ng/u1	96
30) Naphthalene	10.710	128	1053081	33.973	ng/u1	99
32) 4-Chloroaniline	10.834	127	347745	28.537	ng/u1	98
33) Hexachlorobutadiene	10.987	225	168727	36.566	ng/u1	97
34) Caprolactam	11.616	113	93489m	37.577	ng/u1	
35) 4-Chloro-3-methylphenol	11.957	107	330799	38.306	ng/u1	99
36) 2-Methylnaphthalene	12.328	142	674841	35.515	ng/u1	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.546	142	668907	35.508	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.693	216	318336	36.387	ng/ul	96
40) Hexachlorocyclopentadiene	12.663	237	141865	24.808	ng/ul	99
41) 2,4,6-Trichlorophenol	12.940	196	198813	39.427	ng/ul	100
42) 2,4,5-Trichlorophenol	13.010	196	224590	39.638	ng/ul	97
43) 1,1'-Biphenyl	13.346	154	862527	34.652	ng/ul	99
44) 2-Chloronaphthalene	13.381	162	679160	35.107	ng/ul	98
45) 2-Nitroaniline	13.598	65	233140	40.992	ng/ul	97
47) Dimethylphthalate	13.981	163	845951	37.609	ng/ul	99
48) 2,6-Dinitrotoluene	14.104	165	164187	40.792	ng/ul	100
50) Acenaphthylene	14.228	152	1132820	36.171	ng/ul	99
51) 3-Nitroaniline	14.428	138	181129	38.666	ng/ul	99
52) Acenaphthene	14.575	153	729821	35.277	ng/ul	98
53) 2,4-Dinitrophenol	14.634	184	72884	35.681	ng/ul	96
55) 4-Nitrophenol	14.734	109	143277	37.570	ng/ul	96
56) Dibenzofuran	14.910	168	991227	36.283	ng/ul	98
57) 2,4-Dinitrotoluene	14.887	165	250087	44.132	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.134	232	175701	43.693	ng/ul	96
59) Diethylphthalate	15.345	149	905236	39.178	ng/ul	100
61) Fluorene	15.563	166	824259	38.171	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.563	204	376905	39.024	ng/ul	95
63) 4-Nitroaniline	15.592	138	195168m	46.161	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.645	198	124616	37.038	ng/ul	100
67) N-Nitrosodiphenylamine	15.775	169	692726	35.492	ng/ul	99
68) 4-Bromophenyl-phenylether	16.457	248	229813	38.766	ng/ul	88
69) Hexachlorobenzene	16.557	284	256776	38.428	ng/ul	98
70) Atrazine	16.740	200	163489	26.811	ng/ul	100
71) Pentachlorophenol	16.904	266	150724	38.841	ng/ul	95
72) Phenanthrene	17.304	178	1342580	37.057	ng/ul	97
74) Anthracene	17.392	178	1336953	36.769	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.304	216	314380	34.206	ng/uL	98
76) Pentachlorobenzene	14.822	250	287801	34.971	ng/uL	95
77) Carbazole	17.675	167	1224736	36.878	ng/ul	99
78) Di-n-butylphthalate	18.245	149	1613691	40.406	ng/ul	99
80) Fluoranthene	19.322	202	1558930	36.960	ng/ul	98
82) Pyrene	19.692	202	1603501	35.936	ng/ul#	93
83) Butylbenzylphthalate	20.610	149	730998	40.197	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.386	252	358718	32.008	ng/ul	99
85) Benzo(a)anthracene	21.445	228	1530748	36.014	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.392	149	1141125	40.566	ng/ul	100
87) Chrysene	21.498	228	1443791	36.245	ng/ul	99
89) Di-n-octyl phthalate	22.322	149	1917579	39.575	ng/ul	100
90) Benzo(b)fluoranthene	23.110	252	1491011	37.869	ng/ul	98
91) Benzo(k)fluoranthene	23.163	252	1551999	38.511	ng/ul	96
93) Benzo(a)pyrene	23.727	252	1443032	38.217	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	26.280	276	1618989	35.211	ng/ul	96
95) Dibenzo(a,h)anthracene	26.304	278	1351009	35.991	ng/ul	95
96) Benzo(g,h,i)perylene	27.033	276	1336914	34.765	ng/ul	95

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

