

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
 Data File : BN031991.D
 Acq On : 14 Jun 2024 00:10
 Operator : MA/JU
 Sample : PB161396BS
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS396

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/14/2024
 Supervised By :mohammad ahmed 06/14/2024

Quant Time: Jun 14 00:47:05 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 11 22:28:10 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.658	152	362962	20.000	ng/u1	0.00
20) Naphthalene-d8	10.440	136	1570595	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.304	164	950167	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.057	188	1772060	20.000	ng/u1	0.00
79) Chrysene-d12	21.286	240	1077102	20.000	ng/u1	0.00
88) Perylene-d12	24.216	264	1225903	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.176	96	49593	5.653	ng/uL	0.00
4) Pyridine-d5	3.581	84	721612	29.219	ng/u1	0.00
7) Phenol-d5	6.840	99	1001751	32.194	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.999	67	557771	30.646	ng/u1	0.00
11) 2-Chlorophenol-d4	7.193	132	822971	34.663	ng/u1	0.00
15) 4-Methylphenol-d8	8.375	113	816938	32.208	ng/u1	0.00
21) Nitrobenzene-d5	8.816	128	412810	34.376	ng/u1	0.00
24) 2-Nitrophenol-d4	9.534	143	454805	36.663	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.069	165	796545	34.395	ng/u1	0.00
31) 4-Chloroaniline-d4	10.587	131	1074454	31.248	ng/u1	0.00
46) Dimethylphthalate-d6	13.722	166	2222879	33.581	ng/u1	0.00
49) Acenaphthylene-d8	13.998	160	2559273	33.624	ng/u1	0.00
54) 4-Nitrophenol-d4	14.534	143	397581	29.998	ng/u1	0.01
60) Fluorene-d10	15.298	176	1826693	32.615	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.440	200	288305	32.368	ng/u1	0.00
73) Anthracene-d10	17.157	188	2506695	33.041	ng/u1	0.00
81) Pyrene-d10	19.451	212	2334866	40.509	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.016	264	2070889	35.377	ng/u1	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.211	88	114518	12.199	ng/uL	99
5) Pyridine	3.599	79	713118	28.878	ng/u1	99
6) Benzaldehyde	6.811	77	402201	27.558	ng/u1	99
8) Phenol	6.864	94	1145865	36.185	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.093	93	891605	34.050	ng/u1	99
12) 2-Chlorophenol	7.228	128	917338	36.922	ng/u1	98
13) 2-Methylphenol	8.105	108	866526	35.429	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.181	45	1018574m	33.792	ng/u1	
16) Acetophenone	8.487	105	1342299	34.920	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.475	70	656407	32.954	ng/u1	96
18) 4-Methylphenol	8.440	108	952451	35.924	ng/u1	97
19) Hexachloroethane	8.722	117	355194	33.760	ng/u1	96
22) Nitrobenzene	8.858	77	1009555	35.285	ng/u1	99
23) Isophorone	9.387	82	1931850	32.915	ng/u1	98
25) 2-Nitrophenol	9.563	139	538693	39.747	ng/u1	96
26) 2,4-Dimethylphenol	9.628	107	841150	31.904	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.863	93	1210336	33.089	ng/u1	100
29) 2,4-Dichlorophenol	10.099	162	871955	38.132	ng/u1	97
30) Naphthalene	10.493	128	2864183	35.237	ng/u1	99
32) 4-Chloroaniline	10.610	127	1029113	30.827	ng/u1	98
33) Hexachlorobutadiene	10.763	225	513954	37.423	ng/u1	99
34) Caprolactam	11.410	113	263229m	29.492	ng/u1	
35) 4-Chloro-3-methylphenol	11.746	107	980118	36.670	ng/u1	98
36) 2-Methylnaphthalene	12.110	142	1981633	35.666	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.328	142	2035635	36.515	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.481	216	1003432	39.932	ng/ul	96
40) Hexachlorocyclopentadiene	12.451	237	226335	15.628	ng/ul	96
41) 2,4,6-Trichlorophenol	12.728	196	678272	39.767	ng/ul	97
42) 2,4,5-Trichlorophenol	12.804	196	752115	40.579	ng/ul	98
43) 1,1'-Biphenyl	13.134	154	2512767	37.598	ng/ul	97
44) 2-Chloronaphthalene	13.175	162	1979277	37.812	ng/ul	98
45) 2-Nitroaniline	13.393	65	592566	39.052	ng/ul	94
47) Dimethylphthalate	13.769	163	2448395	36.167	ng/ul	99
48) 2,6-Dinitrotoluene	13.898	165	532993	39.609	ng/ul	97
50) Acenaphthylene	14.028	152	3135549	36.452	ng/ul	100
51) 3-Nitroaniline	14.228	138	578573	40.214	ng/ul	92
52) Acenaphthene	14.369	153	2056418	36.131	ng/ul	98
53) 2,4-Dinitrophenol	14.440	184	212869	31.335	ng/ul	97
55) 4-Nitrophenol	14.545	109	337732	34.351	ng/ul	94
56) Dibenzofuran	14.704	168	2831884	36.622	ng/ul	98
57) 2,4-Dinitrotoluene	14.687	165	732255	37.086	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.934	232	590541	38.091	ng/ul	98
59) Diethylphthalate	15.140	149	2467760	35.327	ng/ul	99
61) Fluorene	15.357	166	2192275	35.206	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.351	204	1076332	35.687	ng/ul	97
63) 4-Nitroaniline	15.393	138	571920m	41.757	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.451	198	340808	35.992	ng/ul	96
67) N-Nitrosodiphenylamine	15.569	169	1976647	40.468	ng/ul	99
68) 4-Bromophenyl-phenylether	16.245	248	704167	41.012	ng/ul	98
69) Hexachlorobenzene	16.357	284	752494	38.669	ng/ul	97
70) Atrazine	16.528	200	566598	36.739	ng/ul	99
71) Pentachlorophenol	16.704	266	431948	34.694	ng/ul	99
72) Phenanthrene	17.098	178	3264473	36.163	ng/ul	98
74) Anthracene	17.187	178	3207217	35.063	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.093	216	1038183	45.517	ng/ul	94
76) Pentachlorobenzene	14.622	250	882289	39.714	ng/ul	97
77) Carbazole	17.463	167	2894484	37.111	ng/ul	99
78) Di-n-butylphthalate	18.028	149	4135267	38.538	ng/ul	100
80) Fluoranthene	19.116	202	3213148	46.646	ng/ul	99
82) Pyrene	19.481	202	3170014	44.854	ng/ul	97
83) Butylbenzylphthalate	20.386	149	1477369	44.258	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.204	252	835706	40.460	ng/ul	94
85) Benzo(a)anthracene	21.269	228	2794214	38.757	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.192	149	2079736	42.741	ng/ul	98
87) Chrysene	21.333	228	2586159	38.403	ng/ul	98
89) Di-n-octyl phthalate	22.304	149	3336399	40.652	ng/ul	100
90) Benzo(b)fluoranthene	23.298	252	2743817	37.445	ng/ul	99
91) Benzo(k)fluoranthene	23.351	252	2673550	37.183	ng/ul	98
93) Benzo(a)pyrene	24.086	252	2305696	33.597	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	27.527	276	3290929m	41.614	ng/ul	
95) Dibenzo(a,h)anthracene	27.580	278	2660915	41.213	ng/ul	96
96) Benzo(g,h,i)perylene	28.557	276	2562518	40.762	ng/ul	96

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

