

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100424\
 Data File : BN034430.D
 Acq On : 05 Oct 2024 19:34
 Operator : RC/JU
 Sample : PB163786BS
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS786

Quant Time: Oct 07 00:41:49 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Sep 30 14:14:38 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/07/2024
 Supervised By :mohammad ahmed 10/07/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.375	152	192198	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.134	136	759111	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.028	164	484097	20.000	ng/u1	-0.01
64) Phenanthrene-d10	16.787	188	986961	20.000	ng/u1	-0.01
79) Chrysene-d12	21.022	240	999561	20.000	ng/u1	-0.01
88) Perylene-d12	23.721	264	1105421	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.993	96	24099	5.117	ng/uL	0.00
4) Pyridine-d5	3.381	84	297501	21.250	ng/u1	0.00
7) Phenol-d5	6.575	99	371239	21.764	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.734	67	228050	21.548	ng/u1	0.00
11) 2-Chlorophenol-d4	6.916	132	333236	24.819	ng/u1	-0.01
15) 4-Methylphenol-d8	8.093	113	297860	21.222	ng/u1	-0.01
21) Nitrobenzene-d5	8.522	128	157403	26.015	ng/u1	0.00
24) 2-Nitrophenol-d4	9.234	143	164875	26.499	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.763	165	303958	25.940	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.281	131	420066	23.680	ng/u1	-0.01
46) Dimethylphthalate-d6	13.457	166	910857	25.177	ng/u1	-0.01
49) Acenaphthylene-d8	13.716	160	1024885	25.182	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.263	143	155084	20.887	ng/u1	-0.01
60) Fluorene-d10	15.034	176	746924	24.361	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.169	200	134493	22.855	ng/u1	0.00
73) Anthracene-d10	16.887	188	1175227	25.327	ng/u1	-0.01
81) Pyrene-d10	19.198	212	1430789	25.691	ng/u1	-0.01
92) Benzo(a)pyrene-d12	23.539	264	1522482	26.812	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.028	88	25039	5.040	ng/uL	89
5) Pyridine	3.399	79	149958	10.468	ng/u1	95
6) Benzaldehyde	6.534	77	98561	10.946	ng/u1	89
8) Phenol	6.605	94	191999	10.811	ng/u1	94
10) Bis(2-Chloroethyl)ether	6.822	93	159023	11.521	ng/u1	95
12) 2-Chlorophenol	6.952	128	170655	12.402	ng/u1	93
13) 2-Methylphenol	7.828	108	143614	10.819	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	7.899	45	207620	10.199	ng/u1	95
16) Acetophenone	8.193	105	237909	10.700	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.187	70	112142	10.186	ng/u1	94
18) 4-Methylphenol	8.158	108	161347	10.922	ng/u1	98
19) Hexachloroethane	8.434	117	70550	12.156	ng/u1#	90
22) Nitrobenzene	8.563	77	176199	11.635	ng/u1	93
23) Isophorone	9.087	82	313349	11.220	ng/u1	95
25) 2-Nitrophenol	9.263	139	91544	13.147	ng/u1	93
26) 2,4-Dimethylphenol	9.340	107	126816	8.852	ng/u1	89
27) Bis(2-Chloroethoxy)met...	9.575	93	205762	11.975	ng/u1	96
29) 2,4-Dichlorophenol	9.793	162	155105	13.073	ng/u1	97
30) Naphthalene	10.181	128	530403	12.774	ng/u1	100
32) 4-Chloroaniline	10.305	127	165865	9.488	ng/u1	100
33) Hexachlorobutadiene	10.469	225	105417	13.849	ng/u1	97
34) Caprolactam	11.104	113	45394m	9.610	ng/u1	
35) 4-Chloro-3-methylphenol	11.446	107	153890	11.018	ng/u1	93
36) 2-Methylnaphthalene	11.804	142	354790	12.405	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.028	142	358846	12.395	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.187	216	190290	13.616	ng/ul	97
40) Hexachlorocyclopentadiene	12.163	237	83858	9.752	ng/ul	99
41) 2,4,6-Trichlorophenol	12.440	196	116901	12.618	ng/ul	99
42) 2,4,5-Trichlorophenol	12.516	196	126467	12.427	ng/ul	96
43) 1,1'-Biphenyl	12.851	154	464015	12.714	ng/ul	99
44) 2-Chloronaphthalene	12.887	162	356180	12.527	ng/ul	96
45) 2-Nitroaniline	13.104	65	90288	9.827	ng/ul	91
47) Dimethylphthalate	13.504	163	463059	12.558	ng/ul	98
48) 2,6-Dinitrotoluene	13.622	165	88626	12.207	ng/ul	91
50) Acenaphthylene	13.746	152	568450	12.764	ng/ul	99
51) 3-Nitroaniline	13.951	138	87423	10.896	ng/ul	94
52) Acenaphthene	14.093	153	395693	12.445	ng/ul	97
53) 2,4-Dinitrophenol	14.163	184	34082	7.981	ng/ul	91
55) 4-Nitrophenol	14.281	109	59961	9.509	ng/ul	88
56) Dibenzofuran	14.434	168	551125	12.675	ng/ul	95
57) 2,4-Dinitrotoluene	14.416	165	134960	12.330	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	14.669	232	107324	12.709	ng/ul	93
59) Diethylphthalate	14.887	149	464701	12.061	ng/ul	98
61) Fluorene	15.087	166	450298	12.660	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.098	204	221233	12.833	ng/ul	96
63) 4-Nitroaniline	15.122	138	94634	11.462	ng/ul	91
66) 4,6-Dinitro-2-methylph...	15.181	198	76504	11.707	ng/ul	98
67) N-Nitrosodiphenylamine	15.316	169	384450	12.999	ng/ul	99
68) 4-Bromophenyl-phenylether	15.992	248	137289	13.699	ng/ul	93
69) Hexachlorobenzene	16.092	284	164082	14.105	ng/ul	97
70) Atrazine	16.281	200	101133	9.438	ng/ul	98
71) Pentachlorophenol	16.445	266	88832	11.466	ng/ul	98
72) Phenanthrene	16.828	178	700818	12.878	ng/ul	97
74) Anthracene	16.922	178	706005	12.705	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.810	216	186885	13.605	ng/uL	97
76) Pentachlorobenzene	14.351	250	187514	13.407	ng/uL	96
77) Carbazole	17.198	167	668037	13.062	ng/ul	99
78) Di-n-butylphthalate	17.786	149	796566	12.252	ng/ul	99
80) Fluoranthene	18.857	202	867335	13.321	ng/ul	100
82) Pyrene	19.228	202	916689	13.097	ng/ul	95
83) Butylbenzylphthalate	20.169	149	370637	11.808	ng/ul	94
84) 3,3'-Dichlorobenzidine	20.951	252	267982	11.936	ng/ul	94
85) Benzo(a)anthracene	21.004	228	921413	12.929	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	20.969	149	564347	12.283	ng/ul#	97
87) Chrysene	21.063	228	882113	12.972	ng/ul	99
89) Di-n-octyl phthalate	22.004	149	908582	12.352	ng/ul	100
90) Benzo(b)fluoranthene	22.880	252	935290	13.877	ng/ul	99
91) Benzo(k)fluoranthene	22.939	252	899944	13.536	ng/ul	98
93) Benzo(a)pyrene	23.598	252	794110	12.473	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	26.704	276	989437	12.543	ng/ul	98
95) Dibenzo(a,h)anthracene	26.757	278	802438	12.584	ng/ul	97
96) Benzo(g,h,i)perylene	27.633	276	767198	12.528	ng/ul	98

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

