

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101724\
 Data File : BN034624.D
 Acq On : 17 Oct 2024 16:39
 Operator : RC/JU
 Sample : PB164147BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS147

Quant Time: Oct 17 17:15:36 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101624.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 16 15:50:29 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/18/2024
 Supervised By :mohammad ahmed 10/21/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.664	152	234984	20.000	ng/u1	0.00
20) Naphthalene-d8	10.440	136	942599	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.298	164	529790	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.040	188	984743	20.000	ng/u1	0.00
79) Chrysene-d12	21.269	240	858134	20.000	ng/u1	0.00
88) Perylene-d12	24.151	264	995779	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.211	96	30671	5.223	ng/uL	0.00
4) Pyridine-d5	3.599	84	432546	25.226	ng/u1	0.00
7) Phenol-d5	6.834	99	496096	25.725	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.005	67	310894	26.135	ng/u1	0.00
11) 2-Chlorophenol-d4	7.199	132	402928	27.047	ng/u1	0.00
15) 4-Methylphenol-d8	8.363	113	379669	25.262	ng/u1	0.00
21) Nitrobenzene-d5	8.811	128	188532	28.742	ng/u1	0.00
24) 2-Nitrophenol-d4	9.522	143	151065	29.143	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.058	165	334026	27.958	ng/u1	0.00
31) 4-Chloroaniline-d4	10.569	131	503883	24.585	ng/u1	0.00
46) Dimethylphthalate-d6	13.716	166	911248	27.188	ng/u1	0.00
49) Acenaphthylene-d8	13.987	160	1137972	27.334	ng/u1	0.00
54) 4-Nitrophenol-d4	14.487	143	173048	27.716	ng/u1	0.00
60) Fluorene-d10	15.293	176	792631	27.343	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.404	200	77932	23.610	ng/u1	0.00
73) Anthracene-d10	17.140	188	1167324	27.730	ng/u1	0.00
81) Pyrene-d10	19.433	212	1268345	28.786	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.963	264	1309320	28.537	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.246	88	64692	10.253	ng/uL	97
5) Pyridine	3.617	79	437909	25.097	ng/u1	100
6) Benzaldehyde	6.811	77	267672	23.646	ng/u1	98
8) Phenol	6.858	94	529953	26.318	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.099	93	413379	26.034	ng/u1	99
12) 2-Chlorophenol	7.228	128	427314	27.466	ng/u1	97
13) 2-Methylphenol	8.099	108	380457	25.594	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.193	45	627310	26.226	ng/u1	99
16) Acetophenone	8.475	105	617503	25.730	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.469	70	295954	25.323	ng/u1	99
18) 4-Methylphenol	8.428	108	411650	25.544	ng/u1	99
19) Hexachloroethane	8.740	117	176466	27.202	ng/u1	96
22) Nitrobenzene	8.846	77	445542	28.396	ng/u1	99
23) Isophorone	9.375	82	826486	26.646	ng/u1	99
25) 2-Nitrophenol	9.558	139	181216	29.729	ng/u1	98
26) 2,4-Dimethylphenol	9.622	107	346871	22.803	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.863	93	514212	26.876	ng/u1	99
29) 2,4-Dichlorophenol	10.087	162	341886	28.284	ng/u1	99
30) Naphthalene	10.487	128	1306716	27.579	ng/u1	99
32) 4-Chloroaniline	10.593	127	403915	20.784	ng/u1	96
33) Hexachlorobutadiene	10.787	225	200509	27.599	ng/u1	96
34) Caprolactam	11.340	113	121374	25.754	ng/u1	94
35) 4-Chloro-3-methylphenol	11.722	107	365881	27.074	ng/u1	99
36) 2-Methylnaphthalene	12.104	142	834020	26.734	ng/u1	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.328	142	831742	26.190	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.481	216	373369	28.680	ng/ul	99
40) Hexachlorocyclopentadiene	12.469	237	164130	23.734	ng/ul	99
41) 2,4,6-Trichlorophenol	12.716	196	213208	28.207	ng/ul	93
42) 2,4,5-Trichlorophenol	12.787	196	241583	28.844	ng/ul	100
43) 1,1'-Biphenyl	13.128	154	1029955	28.310	ng/ul	100
44) 2-Chloronaphthalene	13.163	162	806545	28.363	ng/ul	98
45) 2-Nitroaniline	13.363	65	227961	30.560	ng/ul	98
47) Dimethylphthalate	13.769	163	925465	27.491	ng/ul	99
48) 2,6-Dinitrotoluene	13.869	165	176342	30.239	ng/ul	96
50) Acenaphthylene	14.016	152	1273278	28.226	ng/ul	97
51) 3-Nitroaniline	14.193	138	209155	28.099	ng/ul	88
52) Acenaphthene	14.363	153	855139	27.285	ng/ul	98
53) 2,4-Dinitrophenol	14.398	184	52465	23.062	ng/ul	96
55) 4-Nitrophenol	14.498	109	132045	28.880	ng/ul	100
56) Dibenzofuran	14.698	168	1147465	27.553	ng/ul	100
57) 2,4-Dinitrotoluene	14.657	165	257489	30.960	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.922	232	163261	27.194	ng/ul	95
59) Diethylphthalate	15.145	149	941634	27.569	ng/ul	99
61) Fluorene	15.351	166	921276	27.453	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.351	204	410456	27.247	ng/ul	98
63) 4-Nitroaniline	15.357	138	227472	30.673	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.422	198	96990	25.399	ng/ul	97
67) N-Nitrosodiphenylamine	15.563	169	788604	28.418	ng/ul	99
68) 4-Bromophenyl-phenylether	16.245	248	245014	28.580	ng/ul	97
69) Hexachlorobenzene	16.351	284	270306	27.459	ng/ul	95
70) Atrazine	16.522	200	165374	17.790	ng/ul	99
71) Pentachlorophenol	16.692	266	126596	23.994	ng/ul	93
72) Phenanthrene	17.081	178	1383065	28.139	ng/ul	99
74) Anthracene	17.175	178	1406344	27.691	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.087	216	352407	28.582	ng/ul	98
76) Pentachlorobenzene	14.616	250	322638	27.343	ng/ul	98
77) Carbazole	17.439	167	1377700	29.295	ng/ul	98
78) Di-n-butylphthalate	18.039	149	1561269	28.533	ng/ul	100
80) Fluoranthene	19.098	202	1523412	28.820	ng/ul	96
82) Pyrene	19.463	202	1623759	28.837	ng/ul	99
83) Butylbenzylphthalate	20.392	149	629664	30.164	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.180	252	483372	28.002	ng/ul	96
85) Benzo(a)anthracene	21.251	228	1581305	29.004	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.222	149	993925	30.345	ng/ul	100
87) Chrysene	21.310	228	1492358	28.838	ng/ul	97
89) Di-n-octyl phthalate	22.339	149	1683954	29.097	ng/ul	100
90) Benzo(b)fluoranthene	23.251	252	1525532	28.510	ng/ul	98
91) Benzo(k)fluoranthene	23.316	252	1589047	29.062	ng/ul	98
93) Benzo(a)pyrene	24.021	252	1460021	28.183	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.392	276	1889021m	29.227	ng/ul	
95) Dibenzo(a,h)anthracene	27.462	278	1539517	29.311	ng/ul	98
96) Benzo(g,h,i)perylene	28.386	276	1468243	29.267	ng/ul	97

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

