

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022124\
 Data File : BN029897.D
 Acq On : 21 Feb 2024 19:14
 Operator : MA/JU
 Sample : PB159064BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS064

Manual Integrations
 APPROVED

Reviewed By :Jagrut
 Upadhyay

Quant Time: Feb 21 22:28:58 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	7.858	152	125099	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.657	136	518390	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.504	164	274181	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.257	188	569704	20.000	ng/u1	-0.01
79) Chrysene-d12	21.457	240	498654	20.000	ng/u1	-0.01
88) Perylene-d12	23.821	264	535081	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.317	96	29829	7.843	ng/uL	0.00
4) Pyridine-d5	3.723	84	427786	42.176	ng/u1	0.00
7) Phenol-d5	7.028	99	534244	45.657	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.205	67	342495	43.858	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.387	132	412146	48.606	ng/u1	-0.01
15) 4-Methylphenol-d8	8.575	113	401195	45.974	ng/u1	-0.01
21) Nitrobenzene-d5	9.028	128	197005	48.965	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.746	143	201285	57.443	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.281	165	361098	52.209	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.805	131	505870	42.872	ng/u1	-0.01
46) Dimethylphthalate-d6	13.928	166	1023289	50.129	ng/u1	0.00
49) Acenaphthylene-d8	14.198	160	1201451	49.561	ng/u1	0.00
54) 4-Nitrophenol-d4	14.716	143	201528	52.016	ng/u1	0.00
60) Fluorene-d10	15.498	176	877099	50.508	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.628	200	155163	55.896	ng/u1	0.00
73) Anthracene-d10	17.357	188	1346540	50.433	ng/u1	0.00
81) Pyrene-d10	19.657	212	1533668	51.251	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.674	264	1479828	55.269	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.352	88	61955	15.727	ng/uL	96
5) Pyridine	3.746	79	428699	40.854	ng/u1	98
6) Benzaldehyde	7.011	77	275607	52.545	ng/u1	94
8) Phenol	7.058	94	543817	45.347	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.299	93	441311	43.763	ng/u1	98
12) 2-Chlorophenol	7.422	128	422397	47.480	ng/u1	99
13) 2-Methylphenol	8.305	108	391260	45.212	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.387	45	579996	44.039	ng/u1	99
16) Acetophenone	8.693	105	638264	45.955	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.681	70	345695	48.210	ng/u1	99
18) 4-Methylphenol	8.640	108	416547	45.551	ng/u1	97
19) Hexachloroethane	8.928	117	183902	44.546	ng/u1	95
22) Nitrobenzene	9.069	77	529913	46.484	ng/u1	98
23) Isophorone	9.599	82	941276	47.403	ng/u1	99
25) 2-Nitrophenol	9.775	139	218895	54.704	ng/u1	99
26) 2,4-Dimethylphenol	9.840	107	342387	35.703	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.087	93	573214	45.423	ng/u1	98
29) 2,4-Dichlorophenol	10.305	162	355115	49.689	ng/u1	98
30) Naphthalene	10.704	128	1342048	45.293	ng/u1	98
32) 4-Chloroaniline	10.828	127	408300	35.053	ng/u1	99
33) Hexachlorobutadiene	10.981	225	210033	47.619	ng/u1	97
34) Caprolactam	11.616	113	122220m	51.392	ng/u1	
35) 4-Chloro-3-methylphenol	11.951	107	423849	51.345	ng/u1	98
36) 2-Methylnaphthalene	12.322	142	866882	47.726	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
37) 1-Methylnaphthalene	12.540	142	832033	46.205	ng/ul	98	02/22/2024
39) 1,2,4,5-Tetrachloroben...	12.687	216	386616	47.571	ng/ul	95	Supervised By :mohammad ahmed
40) Hexachlorocyclopentadiene	12.657	237	195496	36.801	ng/ul	96	
41) 2,4,6-Trichlorophenol	12.934	196	248493	53.047	ng/ul	99	
42) 2,4,5-Trichlorophenol	13.004	196	275277	52.299	ng/ul	98	
43) 1,1'-Biphenyl	13.340	154	1067616	46.171	ng/ul	98	
44) 2-Chloronaphthalene	13.375	162	845915	47.071	ng/ul	98	02/24/2024
45) 2-Nitroaniline	13.593	65	288343	54.574	ng/ul	97	
47) Dimethylphthalate	13.975	163	1037190	49.637	ng/ul	99	
48) 2,6-Dinitrotoluene	14.098	165	206225	55.154	ng/ul	99	
50) Acenaphthylene	14.222	152	1388700	47.732	ng/ul	99	
51) 3-Nitroaniline	14.428	138	231521	53.202	ng/ul	94	
52) Acenaphthene	14.569	153	915744	47.649	ng/ul	97	
53) 2,4-Dinitrophenol	14.634	184	95954	50.568	ng/ul	94	
55) 4-Nitrophenol	14.734	109	183649	51.839	ng/ul	97	
56) Dibenzofuran	14.904	168	1204656	47.468	ng/ul	97	
57) 2,4-Dinitrotoluene	14.887	165	315509	59.934	ng/ul	97	
58) 2,3,4,6-Tetrachlorophenol	15.134	232	209747	56.148	ng/ul	91	
59) Diethylphthalate	15.345	149	1123509	52.343	ng/ul	99	
61) Fluorene	15.557	166	1003536	50.026	ng/ul	99	
62) 4-Chlorophenyl-phenyle...	15.557	204	454786	50.688	ng/ul	94	
63) 4-Nitroaniline	15.587	138	249876m	63.619	ng/ul		
66) 4,6-Dinitro-2-methylph...	15.645	198	162565	53.119	ng/ul	94	
67) N-Nitrosodiphenylamine	15.769	169	851826	47.982	ng/ul	96	
68) 4-Bromophenyl-phenylether	16.451	248	274468	50.900	ng/ul	88	
69) Hexachlorobenzene	16.551	284	325799	53.604	ng/ul	97	
70) Atrazine	16.734	200	187545	33.813	ng/ul	96	
71) Pentachlorophenol	16.904	266	184613	52.303	ng/ul	94	
72) Phenanthrene	17.298	178	1617965	49.096	ng/ul	99	
74) Anthracene	17.392	178	1642051	49.648	ng/ul	98	
75) 1,2,3,4-Tetrachloroben...	13.298	216	389764	46.623	ng/ul	97	
76) Pentachlorobenzene	14.816	250	354132	47.308	ng/ul	92	
77) Carbazole	17.669	167	1511927	50.050	ng/ul	99	
78) Di-n-butylphthalate	18.245	149	2020184	55.612	ng/ul	100	
80) Fluoranthene	19.322	202	1820345	50.077	ng/ul	99	
82) Pyrene	19.686	202	1951899	50.757	ng/ul	95	
83) Butylbenzylphthalate	20.604	149	904794	57.731	ng/ul	97	
84) 3,3'-Dichlorobenzidine	21.386	252	470845	48.749	ng/ul	95	
85) Benzo(a)anthracene	21.445	228	1812603	49.482	ng/ul	98	
86) Bis(2-ethylhexyl)phtha...	21.392	149	1401985	57.831	ng/ul	100	
87) Chrysene	21.498	228	1756915	51.178	ng/ul	98	
89) Di-n-octyl phthalate	22.316	149	2401209	57.893	ng/ul	100	
90) Benzo(b)fluoranthene	23.104	252	1780340	52.824	ng/ul	99	
91) Benzo(k)fluoranthene	23.157	252	1849641	53.618	ng/ul	98	
93) Benzo(a)pyrene	23.721	252	1715917	53.089	ng/ul	97	
94) Indeno(1,2,3-cd)pyrene	26.274	276	1941746m	49.335	ng/ul		
95) Dibenzo(a,h)anthracene	26.292	278	1658093	51.603	ng/ul	95	
96) Benzo(g,h,i)perylene	27.021	276	1627740	49.447	ng/ul	96	

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

