

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020924\
 Data File : BN029609.D
 Acq On : 09 Feb 2024 14:32
 Operator : MA/JU
 Sample : PB158824BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :

BNA_N

ClientSampleId :

SLCS824

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/12/2024
 Supervised By :mohammad ahmed 02/13/2024

Quant Time: Feb 09 22:21:47 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020724.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Thu Feb 08 00:25:29 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.881	152	193407	20.000	ng/u1	0.00
20) Naphthalene-d8	10.681	136	761075	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.522	164	380720	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.275	188	705140	20.000	ng/u1	0.00
79) Chrysene-d12	21.475	240	604894	20.000	ng/u1	0.00
88) Perylene-d12	23.845	264	684927	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.323	96	34958	5.945	ng/uL	0.00
4) Pyridine-d5	3.734	84	466257	29.733	ng/u1	0.00
7) Phenol-d5	7.046	99	540165	29.859	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.222	67	352451	29.192	ng/u1	0.00
11) 2-Chlorophenol-d4	7.411	132	408314	31.147	ng/u1	0.00
15) 4-Methylphenol-d8	8.593	113	399146	29.585	ng/u1	0.00
21) Nitrobenzene-d5	9.046	128	189818	32.135	ng/u1	0.00
24) 2-Nitrophenol-d4	9.769	143	173880	33.799	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.299	165	330613	32.559	ng/u1	0.00
31) 4-Chloroaniline-d4	10.822	131	473317	27.322	ng/u1	-0.01
46) Dimethylphthalate-d6	13.946	166	861538	30.395	ng/u1	0.00
49) Acenaphthylene-d8	14.216	160	1084119	32.206	ng/u1	0.00
54) 4-Nitrophenol-d4	14.728	143	166254	30.903	ng/u1	0.00
60) Fluorene-d10	15.516	176	746761	30.969	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.640	200	103789	30.208	ng/u1	0.00
73) Anthracene-d10	17.375	188	1071989	32.438	ng/u1	0.00
81) Pyrene-d10	19.669	212	1147365	31.608	ng/u1	-0.01
92) Benzo(a)pyrene-d12	23.698	264	1135543	33.132	ng/u1	0.00
Target Compounds						
2) 1,4-Dioxane	3.358	88	73110	12.004	ng/uL	98
5) Pyridine	3.752	79	491024	30.267	ng/u1	96
6) Benzaldehyde	7.028	77	289621m	35.715	ng/u1	
8) Phenol	7.075	94	573842	30.951	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.316	93	472717	30.321	ng/u1	99
12) 2-Chlorophenol	7.440	128	443726	32.262	ng/u1	100
13) 2-Methylphenol	8.322	108	405179	30.284	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.411	45	605907	29.757	ng/u1	99
16) Acetophenone	8.711	105	654197	30.467	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.699	70	346539	31.259	ng/u1	99
18) 4-Methylphenol	8.658	108	436553	30.878	ng/u1	95
19) Hexachloroethane	8.952	117	192765	30.202	ng/u1	96
22) Nitrobenzene	9.093	77	537884	32.138	ng/u1	99
23) Isophorone	9.616	82	900834	30.900	ng/u1	99
25) 2-Nitrophenol	9.799	139	205020	34.899	ng/u1	99
26) 2,4-Dimethylphenol	9.857	107	433837	30.814	ng/u1	100
27) Bis(2-Chloroethoxy)met...	10.105	93	575926	31.086	ng/u1	99
29) 2,4-Dichlorophenol	10.328	162	341885	32.583	ng/u1	97
30) Naphthalene	10.728	128	1372857	31.558	ng/u1	99
32) 4-Chloroaniline	10.852	127	400362	23.411	ng/u1	99
33) Hexachlorobutadiene	11.005	225	202905	31.334	ng/u1	98
34) Caprolactam	11.622	113	104187m	29.840	ng/u1	
35) 4-Chloro-3-methylphenol	11.969	107	397032	32.760	ng/u1	97
36) 2-Methylnaphthalene	12.346	142	838848	31.456	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
37) 1-Methylnaphthalene	12.563	142	823630	31.154	ng/ul	97	02/12/2024
39) 1,2,4,5-Tetrachloroben...	12.704	216	361742	32.055	ng/ul	99	Supervised By :mohammad
40) Hexachlorocyclopentadiene	12.681	237	211093	28.617	ng/ul	98	ahmed
41) 2,4,6-Trichlorophenol	12.951	196	213829	32.874	ng/ul	99	
42) 2,4,5-Trichlorophenol	13.022	196	239725	32.800	ng/ul	99	
43) 1,1'-Biphenyl	13.357	154	1021062	31.801	ng/ul	97	
44) 2-Chloronaphthalene	13.399	162	791799	31.730	ng/ul	96	02/13/2024
45) 2-Nitroaniline	13.610	65	251572	34.290	ng/ul	98	
47) Dimethylphthalate	13.993	163	923191	31.818	ng/ul	99	
48) 2,6-Dinitrotoluene	14.116	165	173177	33.355	ng/ul	96	
50) Acenaphthylene	14.246	152	1305506	32.316	ng/ul	99	
51) 3-Nitroaniline	14.440	138	185209	30.650	ng/ul	100	
52) Acenaphthene	14.587	153	846039	31.703	ng/ul	96	
53) 2,4-Dinitrophenol	14.645	184	72946	27.685	ng/ul	96	
55) 4-Nitrophenol	14.740	109	155221	31.554	ng/ul	99	
56) Dibenzofuran	14.922	168	1109556	31.486	ng/ul	100	
57) 2,4-Dinitrotoluene	14.898	165	255664	34.975	ng/ul	94	
58) 2,3,4,6-Tetrachlorophenol	15.145	232	162989	31.422	ng/ul	97	
59) Diethylphthalate	15.363	149	949970	31.873	ng/ul	100	
61) Fluorene	15.575	166	877791	31.513	ng/ul	99	
62) 4-Chlorophenyl-phenyle...	15.575	204	392691	31.520	ng/ul	95	
63) 4-Nitroaniline	15.604	138	206275	37.822	ng/ul	99	
66) 4,6-Dinitro-2-methylph...	15.657	198	120590	31.836	ng/ul	96	
67) N-Nitrosodiphenylamine	15.792	169	736571	33.521	ng/ul	99	
68) 4-Bromophenyl-phenylether	16.469	248	223427	33.476	ng/ul	98	
69) Hexachlorobenzene	16.569	284	245973	32.697	ng/ul	99	
70) Atrazine	16.751	200	136206	19.840	ng/ul	98	
71) Pentachlorophenol	16.916	266	128205	29.345	ng/ul	97	
72) Phenanthrene	17.316	178	1336105	32.756	ng/ul	99	
74) Anthracene	17.410	178	1339482	32.721	ng/ul	98	
75) 1,2,3,4-Tetrachloroben...	13.316	216	360567	34.846	ng/ul	94	
76) Pentachlorobenzene	14.834	250	319654	34.500	ng/ul	100	
77) Carbazole	17.686	167	1244263	33.278	ng/ul	99	
78) Di-n-butylphthalate	18.263	149	1468517	32.661	ng/ul	100	
80) Fluoranthene	19.339	202	1447118	32.818	ng/ul	99	
82) Pyrene	19.698	202	1515197	32.481	ng/ul	99	
83) Butylbenzylphthalate	20.622	149	611745	32.177	ng/ul	97	
84) 3,3'-Dichlorobenzidine	21.398	252	377896	32.254	ng/ul	98	
85) Benzo(a)anthracene	21.457	228	1419263	31.940	ng/ul	99	
86) Bis(2-ethylhexyl)phtha...	21.410	149	898755	30.562	ng/ul	98	
87) Chrysene	21.510	228	1335833	32.078	ng/ul	99	
89) Di-n-octyl phthalate	22.339	149	1473072	27.746	ng/ul	100	
90) Benzo(b)fluoranthene	23.127	252	1476832	34.232	ng/ul	99	
91) Benzo(k)fluoranthene	23.174	252	1430250	32.390	ng/ul	99	
93) Benzo(a)pyrene	23.745	252	1374973	33.234	ng/ul	97	
94) Indeno(1,2,3-cd)pyrene	26.298	276	1694228	33.629	ng/ul	98	
95) Dibenzo(a,h)anthracene	26.333	278	1410160	34.285	ng/ul	95	
96) Benzo(g,h,i)perylene	27.051	276	1368824	32.485	ng/ul	98	

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

