

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111522\
 Data File : BN022679.D
 Acq On : 16 Nov 2022 10:12
 Operator : CG/JU
 Sample : PB149024BS
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS024

Quant Time: Nov 16 10:57:58 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN111522.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 15 22:53:43 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/16/2022
 Supervised By :mohammad ahmed 11/16/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.875	152	67014	20.000	ng/u1	0.00
20) Naphthalene-d8	10.704	136	290434	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.557	164	183022	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.321	188	366852	20.000	ng/u1	0.00
79) Chrysene-d12	21.527	240	328216	20.000	ng/u1	0.00
88) Perylene-d12	23.956	264	294715	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	13902	7.083	ng/uL	0.00
4) Pyridine-d5	3.628	84	175925	31.693	ng/u1	0.00
7) Phenol-d5	7.051	99	237910	37.589	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.204	67	145216	38.266	ng/u1	0.00
11) 2-Chlorophenol-d4	7.404	132	176370	38.050	ng/u1	0.00
15) 4-Methylphenol-d8	8.610	113	191376	38.300	ng/u1	0.00
21) Nitrobenzene-d5	9.057	128	89423	39.777	ng/u1	0.00
24) 2-Nitrophenol-d4	9.781	143	100398	40.024	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.328	165	173754	40.631	ng/u1	0.00
31) 4-Chloroaniline-d4	10.851	131	231799	35.586	ng/u1	0.00
46) Dimethylphthalate-d6	13.975	166	521016	39.138	ng/u1	0.00
49) Acenaphthylene-d8	14.251	160	581284	39.630	ng/u1	0.00
54) 4-Nitrophenol-d4	14.792	143	101762	38.345	ng/u1	0.00
60) Fluorene-d10	15.557	176	418722	38.351	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.692	200	86750	37.203	ng/u1	0.00
73) Anthracene-d10	17.421	188	659566	41.060	ng/u1	0.00
81) Pyrene-d10	19.727	212	703508	41.360	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.804	264	613420	41.405	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.228	88	26291	12.587	ng/uL	95
5) Pyridine	3.646	79	180978	32.882	ng/u1	96
6) Benzaldehyde	7.010	77	146290	45.684	ng/u1	97
8) Phenol	7.075	94	243099	36.878	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.298	93	185186	36.052	ng/u1	99
12) 2-Chlorophenol	7.434	128	185002	37.379	ng/u1	99
13) 2-Methylphenol	8.340	108	182542	37.202	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.422	45	249172	36.748	ng/u1	99
16) Acetophenone	8.722	105	289758	36.332	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.704	70	156936	36.922	ng/u1	98
18) 4-Methylphenol	8.675	108	199670	37.476	ng/u1	99
19) Hexachloroethane	8.957	117	77503	36.985	ng/u1	99
22) Nitrobenzene	9.098	77	231253	37.968	ng/u1	98
23) Isophorone	9.634	82	444367	38.142	ng/u1	100
25) 2-Nitrophenol	9.816	139	106861	38.749	ng/u1	97
26) 2,4-Dimethylphenol	9.881	107	224551	37.959	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.116	93	258366	38.456	ng/u1	99
29) 2,4-Dichlorophenol	10.357	162	171476	39.452	ng/u1	99
30) Naphthalene	10.751	128	591348	38.361	ng/u1	100
32) 4-Chloroaniline	10.875	127	239825	35.255	ng/u1	99
33) Hexachlorobutadiene	11.028	225	105813	39.552	ng/u1	98
34) Caprolactam	11.681	113	61488m	37.290	ng/u1	
35) 4-Chloro-3-methylphenol	12.016	107	218999	38.634	ng/u1	98
36) 2-Methylnaphthalene	12.375	142	402293	38.308	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.592	142	404137	38.390	ng/u1	95
39) 1,2,4,5-Tetrachloroben...	12.745	216	188086	38.287	ng/u1	99
40) Hexachlorocyclopentadiene	12.710	237	100192	34.932	ng/u1	98
41) 2,4,6-Trichlorophenol	12.992	196	134880	38.671	ng/u1	96
42) 2,4,5-Trichlorophenol	13.069	196	146202	39.583	ng/u1	97
43) 1,1'-Biphenyl	13.392	154	517059	38.488	ng/u1	99
44) 2-Chloronaphthalene	13.433	162	403543	38.550	ng/u1	99
45) 2-Nitroaniline	13.651	65	152082	40.004	ng/u1	98
47) Dimethylphthalate	14.022	163	538482	38.485	ng/u1	99
48) 2,6-Dinitrotoluene	14.151	165	113587	40.104	ng/u1	98
50) Acenaphthylene	14.280	152	642764	39.227	ng/u1	99
51) 3-Nitroaniline	14.480	138	117583	38.556	ng/u1	100
52) Acenaphthene	14.622	153	441460	37.972	ng/u1	99
53) 2,4-Dinitrophenol	14.692	184	61447	31.043	ng/u1	97
55) 4-Nitrophenol	14.810	109	100322	38.137	ng/u1	98
56) Dibenzofuran	14.963	168	592310	38.559	ng/u1	98
57) 2,4-Dinitrotoluene	14.945	165	165273	40.070	ng/u1	96
58) 2,3,4,6-Tetrachlorophenol	15.192	232	122782	38.813	ng/u1	98
59) Diethylphthalate	15.386	149	565214	38.112	ng/u1	98
61) Fluorene	15.616	166	493607	38.479	ng/u1	92
62) 4-Chlorophenyl-phenyle...	15.604	204	233063	38.543	ng/u1	95
63) 4-Nitroaniline	15.651	138	115857	42.599	ng/u1	99
66) 4,6-Dinitro-2-methylph...	15.710	198	88712	36.807	ng/u1	92
67) N-Nitrosodiphenylamine	15.827	169	429845	39.135	ng/u1	96
68) 4-Bromophenyl-phenylether	16.504	248	139252	38.547	ng/u1	95
69) Hexachlorobenzene	16.616	284	173031	40.974	ng/u1	92
70) Atrazine	16.786	200	154231	39.393	ng/u1	96
71) Pentachlorophenol	16.969	266	96235	35.867	ng/u1	95
72) Phenanthrene	17.363	178	785614	39.731	ng/u1	99
74) Anthracene	17.457	178	789735	39.431	ng/u1	98
75) 1,2,3,4-Tetrachloroben...	13.351	216	191263	39.535	ng/uL	98
76) Pentachlorobenzene	14.875	250	185411	35.511	ng/uL	94
77) Carbazole	17.733	167	728109	39.126	ng/u1	98
78) Di-n-butylphthalate	18.292	149	964948	36.434	ng/u1	99
80) Fluoranthene	19.392	202	867931	40.884	ng/u1	99
82) Pyrene	19.757	202	888916	40.877	ng/u1	98
83) Butylbenzylphthalate	20.657	149	452121	40.844	ng/u1	97
84) 3,3'-Dichlorobenzidine	21.451	252	290318	40.089	ng/u1	97
85) Benzo(a)anthracene	21.515	228	825370	38.081	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.433	149	652322	39.926	ng/u1	97
87) Chrysene	21.568	228	771130	37.570	ng/u1	99
89) Di-n-octyl phthalate	22.368	149	1102833	42.548	ng/u1	100
90) Benzo(b)fluoranthene	23.215	252	821642	41.139	ng/u1	97
91) Benzo(k)fluoranthene	23.268	252	744144	39.252	ng/u1	99
93) Benzo(a)pyrene	23.856	252	654061	38.635	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	26.515	276	734882	38.169	ng/u1	98
95) Dibenzo(a,h)anthracene	26.527	278	654399	37.922	ng/u1	97
96) Benzo(g,h,i)perylene	27.297	276	631025	37.590	ng/u1	98

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

