

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040624\
 Data File : BN030680.D
 Acq On : 05 Apr 2024 18:57
 Operator : MA/JU
 Sample : PB160009BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS009

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/08/2024
 Supervised By :mohammad ahmed 04/08/2024

Quant Time: Apr 05 22:24:56 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032824.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Mar 31 12:24:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.693	152	168412	20.000	ng/u1	0.00
20) Naphthalene-d8	10.475	136	822498	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.334	164	595838	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.086	188	1347559	20.000	ng/u1	0.00
79) Chrysene-d12	21.327	240	1309373	20.000	ng/u1	0.00
88) Perylene-d12	24.274	264	1527425	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	21830	6.077	ng/uL	0.00
4) Pyridine-d5	3.599	84	319689	29.684	ng/u1	0.00
7) Phenol-d5	6.863	99	445233	32.681	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.034	67	260745	30.987	ng/u1	0.00
11) 2-Chlorophenol-d4	7.222	132	352982	34.154	ng/u1	0.00
15) 4-Methylphenol-d8	8.399	113	378794	33.175	ng/u1	0.00
21) Nitrobenzene-d5	8.846	128	192674	33.769	ng/u1	0.00
24) 2-Nitrophenol-d4	9.563	143	210141	40.260	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.098	165	391440	34.256	ng/u1	0.00
31) 4-Chloroaniline-d4	10.616	131	555228	29.514	ng/u1	0.00
46) Dimethylphthalate-d6	13.751	166	1356973	34.111	ng/u1	0.00
49) Acenaphthylene-d8	14.028	160	1484769	32.461	ng/u1	0.00
54) 4-Nitrophenol-d4	14.545	143	275423	36.195	ng/u1	0.00
60) Fluorene-d10	15.333	176	1130886	32.486	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.457	200	215920	36.301	ng/u1	0.00
73) Anthracene-d10	17.186	188	1791101	30.848	ng/u1	0.00
81) Pyrene-d10	19.486	212	2184508	31.031	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.068	264	2321948	32.992	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.228	88	43678	11.351	ng/uL	100
5) Pyridine	3.616	79	302492	27.835	ng/u1	100
6) Benzaldehyde	6.840	77	235925	37.186	ng/u1	95
8) Phenol	6.887	94	453173	31.930	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.122	93	362128	31.289	ng/u1	99
12) 2-Chlorophenol	7.257	128	365294	32.949	ng/u1	96
13) 2-Methylphenol	8.134	108	357426	32.682	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.216	45	479910	29.448	ng/u1	98
16) Acetophenone	8.516	105	585734	32.491	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.499	70	302857	33.355	ng/u1	96
18) 4-Methylphenol	8.463	108	397143	32.438	ng/u1	100
19) Hexachloroethane	8.763	117	149461	32.155	ng/u1	95
22) Nitrobenzene	8.893	77	426511	30.622	ng/u1	99
23) Isophorone	9.416	82	908277	32.699	ng/u1	99
25) 2-Nitrophenol	9.598	139	227031	37.010	ng/u1	94
26) 2,4-Dimethylphenol	9.657	107	409843	30.060	ng/u1	96
27) Bis(2-Chloroethoxy)met...	9.898	93	546206	30.928	ng/u1	99
29) 2,4-Dichlorophenol	10.128	162	378328	32.437	ng/u1	99
30) Naphthalene	10.528	128	1270475	30.117	ng/u1	99
32) 4-Chloroaniline	10.640	127	479000	26.420	ng/u1	99
33) Hexachlorobutadiene	10.804	225	228532	31.129	ng/u1	97
34) Caprolactam	11.422	113	160156m	36.756	ng/u1	
35) 4-Chloro-3-methylphenol	11.769	107	461288	35.114	ng/u1	98
36) 2-Methylnaphthalene	12.145	142	919766	31.221	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.363	142	926356	30.976	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.510	216	474515	30.859	ng/ul	98
40) Hexachlorocyclopentadiene	12.492	237	251964	28.854	ng/ul	97
41) 2,4,6-Trichlorophenol	12.757	196	335353	34.901	ng/ul	99
42) 2,4,5-Trichlorophenol	12.828	196	369282	34.030	ng/ul	96
43) 1,1'-Biphenyl	13.169	154	1242531	30.595	ng/ul	98
44) 2-Chloronaphthalene	13.204	162	978270	30.599	ng/ul	99
45) 2-Nitroaniline	13.416	65	299950	35.255	ng/ul	99
47) Dimethylphthalate	13.798	163	1362216	33.149	ng/ul	100
48) 2,6-Dinitrotoluene	13.916	165	277406	36.409	ng/ul	97
50) Acenaphthylene	14.057	152	1680949	31.807	ng/ul	100
51) 3-Nitroaniline	14.251	138	292268	36.140	ng/ul	99
52) Acenaphthene	14.398	153	1097295	31.157	ng/ul	96
53) 2,4-Dinitrophenol	14.451	184	138198	39.491	ng/ul	96
55) 4-Nitrophenol	14.557	109	208994	34.667	ng/ul	97
56) Dibenzofuran	14.739	168	1527845	31.209	ng/ul	99
57) 2,4-Dinitrotoluene	14.704	165	418909	37.659	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.963	232	327825	36.375	ng/ul	99
59) Diethylphthalate	15.169	149	1403920	33.629	ng/ul	100
61) Fluorene	15.386	166	1243132	31.947	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.386	204	608808	31.890	ng/ul	96
63) 4-Nitroaniline	15.416	138	331238	42.131	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.469	198	236365	36.983	ng/ul	95
67) N-Nitrosodiphenylamine	15.604	169	1129854	30.787	ng/ul	99
68) 4-Bromophenyl-phenylether	16.280	248	403378	31.523	ng/ul	95
69) Hexachlorobenzene	16.386	284	451052	29.935	ng/ul	97
70) Atrazine	16.557	200	357055	28.070	ng/ul	98
71) Pentachlorophenol	16.733	266	291834	32.849	ng/ul	99
72) Phenanthrene	17.127	178	2119213	30.609	ng/ul	100
74) Anthracene	17.222	178	2151288	30.737	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.128	216	486001	29.356	ng/ul	94
76) Pentachlorobenzene	14.651	250	477611	28.403	ng/ul	90
77) Carbazole	17.492	167	2034965	33.154	ng/ul	98
78) Di-n-butylphthalate	18.063	149	2657550	35.492	ng/ul	100
80) Fluoranthene	19.151	202	2560397	30.596	ng/ul	99
82) Pyrene	19.516	202	2666730	30.173	ng/ul	98
83) Butylbenzylphthalate	20.427	149	1271336	37.668	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.239	252	887740	36.898	ng/ul	99
85) Benzo(a)anthracene	21.310	228	2798152	32.021	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.239	149	1799665	36.157	ng/ul	97
87) Chrysene	21.368	228	2597390	31.491	ng/ul	98
89) Di-n-octyl phthalate	22.357	149	3383829	34.983	ng/ul	100
90) Benzo(b)fluoranthene	23.339	252	2896126	32.218	ng/ul	98
91) Benzo(k)fluoranthene	23.404	252	2755925	30.189	ng/ul	96
93) Benzo(a)pyrene	24.139	252	2653236	31.246	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.586	276	3070218	33.448	ng/ul	99
95) Dibenzo(a,h)anthracene	27.645	278	2572114	33.285	ng/ul	99
96) Benzo(g,h,i)perylene	28.615	276	2397614	33.271	ng/ul	97

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

