

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040624\
 Data File : BN030735.D
 Acq On : 07 Apr 2024 09:27
 Operator : MA/JU
 Sample : PB160033BS
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :

BNA_N

ClientSampleId :

SLCS033

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/08/2024

Supervised By :mohammad ahmed 04/08/2024

Quant Time: Apr 07 14:21:29 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	7.687	152	174041	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.469	136	862652	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.328	164	610086	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.080	188	1327325	20.000	ng/u1	0.00
79) Chrysene-d12	21.316	240	1293082	20.000	ng/u1	-0.01
88) Perylene-d12	24.257	264	1431927	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.187	96	24478	6.594	ng/uL	-0.01
4) Pyridine-d5	3.593	84	361537	32.484	ng/u1	0.00
7) Phenol-d5	6.857	99	519770	36.918	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.028	67	302637	34.802	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.222	132	410478	38.433	ng/u1	0.00
15) 4-Methylphenol-d8	8.393	113	438735	37.182	ng/u1	0.00
21) Nitrobenzene-d5	8.846	128	216689	36.210	ng/u1	0.00
24) 2-Nitrophenol-d4	9.557	143	230889	42.176	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.093	165	447042	37.301	ng/u1	0.00
31) 4-Chloroaniline-d4	10.610	131	637663	32.319	ng/u1	-0.01
46) Dimethylphthalate-d6	13.745	166	1462968	35.916	ng/u1	-0.01
49) Acenaphthylene-d8	14.022	160	1667485	35.605	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.539	143	301564	38.705	ng/u1	0.00
60) Fluorene-d10	15.328	176	1242461	34.857	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.445	200	215550	36.791	ng/u1	0.00
73) Anthracene-d10	17.180	188	2012645	35.193	ng/u1	0.00
81) Pyrene-d10	19.480	212	2382207	34.266	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.051	264	2454640	37.203	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.222	88	50739	12.760	ng/uL	95
5) Pyridine	3.616	79	361196	32.162	ng/u1	99
6) Benzaldehyde	6.834	77	287183	43.801	ng/u1	99
8) Phenol	6.881	94	548164	37.374	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.116	93	435255	36.392	ng/u1	99
12) 2-Chlorophenol	7.252	128	437414	38.178	ng/u1	96
13) 2-Methylphenol	8.128	108	431906	38.215	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.210	45	576523	34.233	ng/u1	98
16) Acetophenone	8.510	105	692141	37.152	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.499	70	351207	37.429	ng/u1	96
18) 4-Methylphenol	8.457	108	473944	37.459	ng/u1	100
19) Hexachloroethane	8.757	117	176725	36.791	ng/u1	99
22) Nitrobenzene	8.887	77	514814	35.242	ng/u1	99
23) Isophorone	9.410	82	1050386	36.055	ng/u1	100
25) 2-Nitrophenol	9.587	139	262900	40.862	ng/u1	97
26) 2,4-Dimethylphenol	9.651	107	498816	34.883	ng/u1	100
27) Bis(2-Chloroethoxy)met...	9.893	93	639852	34.544	ng/u1	99
29) 2,4-Dichlorophenol	10.116	162	449818	36.771	ng/u1	95
30) Naphthalene	10.522	128	1530123	34.584	ng/u1	99
32) 4-Chloroaniline	10.634	127	567308	29.835	ng/u1	97
33) Hexachlorobutadiene	10.798	225	269317	34.977	ng/u1	98
34) Caprolactam	11.416	113	176010m	38.514	ng/u1	
35) 4-Chloro-3-methylphenol	11.763	107	539006	39.121	ng/u1	97
36) 2-Methylnaphthalene	12.140	142	1100681	35.623	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.357	142	1090675	34.773	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.504	216	546997	34.742	ng/ul	99
40) Hexachlorocyclopentadiene	12.487	237	292437	32.706	ng/ul	98
41) 2,4,6-Trichlorophenol	12.751	196	387395	39.375	ng/ul	99
42) 2,4,5-Trichlorophenol	12.822	196	423692	38.132	ng/ul	94
43) 1,1'-Biphenyl	13.163	154	1452779	34.936	ng/ul	99
44) 2-Chloronaphthalene	13.198	162	1158058	35.377	ng/ul	100
45) 2-Nitroaniline	13.410	65	343797	39.465	ng/ul	100
47) Dimethylphthalate	13.792	163	1567349	37.250	ng/ul	99
48) 2,6-Dinitrotoluene	13.916	165	323252	41.436	ng/ul	98
50) Acenaphthylene	14.051	152	1953182	36.095	ng/ul	99
51) 3-Nitroaniline	14.245	138	342989	41.422	ng/ul	97
52) Acenaphthene	14.392	153	1265757	35.101	ng/ul	100
53) 2,4-Dinitrophenol	14.445	184	135960	37.944	ng/ul	90
55) 4-Nitrophenol	14.551	109	237435	38.464	ng/ul	98
56) Dibenzofuran	14.734	168	1759108	35.094	ng/ul	99
57) 2,4-Dinitrotoluene	14.704	165	473830	41.602	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	14.957	232	375308	40.671	ng/ul	97
59) Diethylphthalate	15.169	149	1613219	37.740	ng/ul	100
61) Fluorene	15.381	166	1437073	36.069	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.381	204	685629	35.075	ng/ul	95
63) 4-Nitroaniline	15.410	138	385168	47.846	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.463	198	249484	39.631	ng/ul	97
67) N-Nitrosodiphenylamine	15.592	169	1282539	35.481	ng/ul	98
68) 4-Bromophenyl-phenylether	16.275	248	459064	36.422	ng/ul	98
69) Hexachlorobenzene	16.380	284	533357	35.937	ng/ul	97
70) Atrazine	16.551	200	395024	31.529	ng/ul	99
71) Pentachlorophenol	16.728	266	334379	38.212	ng/ul	97
72) Phenanthrene	17.122	178	2426769	35.586	ng/ul	97
74) Anthracene	17.210	178	2516492	36.503	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.116	216	561992	34.464	ng/ul	97
76) Pentachlorobenzene	14.645	250	563697	34.033	ng/ul	94
77) Carbazole	17.486	167	2353026	38.921	ng/ul	100
78) Di-n-butylphthalate	18.057	149	2940767	39.873	ng/ul	100
80) Fluoranthene	19.139	202	2972070	35.963	ng/ul	98
82) Pyrene	19.510	202	3052730	34.976	ng/ul	98
83) Butylbenzylphthalate	20.416	149	1434023	43.023	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.227	252	970119	40.830	ng/ul	99
85) Benzo(a)anthracene	21.304	228	3101938	35.945	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.233	149	1996935	40.626	ng/ul	97
87) Chrysene	21.363	228	2946646	36.175	ng/ul	99
89) Di-n-octyl phthalate	22.345	149	3697938	40.780	ng/ul	100
90) Benzo(b)fluoranthene	23.327	252	3130226	37.145	ng/ul	99
91) Benzo(k)fluoranthene	23.392	252	3144434	36.742	ng/ul	97
93) Benzo(a)pyrene	24.121	252	2936183	36.884	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.556	276	3310271	38.468	ng/ul	99
95) Dibenzo(a,h)anthracene	27.627	278	2771440	38.257	ng/ul	97
96) Benzo(g,h,i)perylene	28.592	276	2598109	38.458	ng/ul	98

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

