

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040624\
 Data File : BN030691.D
 Acq On : 06 Apr 2024 02:49
 Operator : MA/JU
 Sample : PB160011BS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :

BNA_N

ClientSampleId :

SLCS011

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/08/2024

Supervised By :mohammad ahmed 04/08/2024

Quant Time: Apr 06 03:18:14 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	146478	20.000	ng/u1	0.00
20) Naphthalene-d8	10.475	136	711494	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.333	164	520163	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.080	188	1145499	20.000	ng/u1	0.00
79) Chrysene-d12	21.327	240	1136554	20.000	ng/u1	0.00
88) Perylene-d12	24.268	264	1315851	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	20494	6.560	ng/uL	0.00
4) Pyridine-d5	3.599	84	310681	33.167	ng/u1	0.00
7) Phenol-d5	6.863	99	443582	37.435	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.034	67	257466	35.179	ng/u1	0.00
11) 2-Chlorophenol-d4	7.222	132	352218	39.183	ng/u1	0.00
15) 4-Methylphenol-d8	8.398	113	374648	37.725	ng/u1	0.00
21) Nitrobenzene-d5	8.845	128	187532	37.996	ng/u1	0.00
24) 2-Nitrophenol-d4	9.563	143	203969	45.175	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.098	165	387617	39.214	ng/u1	0.00
31) 4-Chloroaniline-d4	10.616	131	550626	33.836	ng/u1	0.00
46) Dimethylphthalate-d6	13.751	166	1303885	37.545	ng/u1	0.00
49) Acenaphthylene-d8	14.028	160	1464126	36.667	ng/u1	0.00
54) 4-Nitrophenol-d4	14.545	143	276110	41.564	ng/u1	0.00
60) Fluorene-d10	15.333	176	1109736	36.516	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.451	200	213910	42.307	ng/u1	0.00
73) Anthracene-d10	17.180	188	1809923	36.671	ng/u1	0.00
81) Pyrene-d10	19.486	212	2189745	35.835	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.068	264	2362030	38.957	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.228	88	43534	13.008	ng/uL	97
5) Pyridine	3.616	79	306824	32.461	ng/u1	98
6) Benzaldehyde	6.840	77	245081	44.414	ng/u1	96
8) Phenol	6.887	94	465076	37.676	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.122	93	373856	37.140	ng/u1	97
12) 2-Chlorophenol	7.257	128	374141	38.800	ng/u1	96
13) 2-Methylphenol	8.134	108	367570	38.642	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.210	45	486909	34.352	ng/u1	99
16) Acetophenone	8.510	105	593664	37.862	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.498	70	304828	38.600	ng/u1	96
18) 4-Methylphenol	8.463	108	402418	37.791	ng/u1	100
19) Hexachloroethane	8.757	117	150458	37.216	ng/u1	98
22) Nitrobenzene	8.887	77	432801	35.922	ng/u1	98
23) Isophorone	9.410	82	928191	38.629	ng/u1	99
25) 2-Nitrophenol	9.592	139	227211	42.818	ng/u1	99
26) 2,4-Dimethylphenol	9.657	107	407732	34.571	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.898	93	556019	36.396	ng/u1	98
29) 2,4-Dichlorophenol	10.122	162	388137	38.470	ng/u1	97
30) Naphthalene	10.528	128	1305679	35.781	ng/u1	100
32) 4-Chloroaniline	10.640	127	487652	31.094	ng/u1	96
33) Hexachlorobutadiene	10.804	225	232540	36.616	ng/u1	97
34) Caprolactam	11.422	113	165311m	43.858	ng/u1	
35) 4-Chloro-3-methylphenol	11.769	107	474046	41.715	ng/u1	97
36) 2-Methylnaphthalene	12.145	142	936425	36.745	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.363	142	949430	36.700	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.510	216	475647	35.433	ng/ul	95
40) Hexachlorocyclopentadiene	12.486	237	252361	33.104	ng/ul	99
41) 2,4,6-Trichlorophenol	12.757	196	341779	40.744	ng/ul	94
42) 2,4,5-Trichlorophenol	12.828	196	370865	39.148	ng/ul	95
43) 1,1'-Biphenyl	13.163	154	1257211	35.460	ng/ul	97
44) 2-Chloronaphthalene	13.204	162	1005013	36.009	ng/ul	99
45) 2-Nitroaniline	13.416	65	304295	40.969	ng/ul	97
47) Dimethylphthalate	13.798	163	1375348	38.337	ng/ul	100
48) 2,6-Dinitrotoluene	13.916	165	288720	43.407	ng/ul	98
50) Acenaphthylene	14.057	152	1706054	36.978	ng/ul	99
51) 3-Nitroaniline	14.245	138	307562	43.565	ng/ul	100
52) Acenaphthene	14.398	153	1118377	36.376	ng/ul	99
53) 2,4-Dinitrophenol	14.451	184	140098	45.858	ng/ul	94
55) 4-Nitrophenol	14.557	109	217441	41.315	ng/ul	98
56) Dibenzofuran	14.733	168	1563600	36.586	ng/ul	100
57) 2,4-Dinitrotoluene	14.704	165	430267	44.308	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.963	232	333306	42.363	ng/ul	98
59) Diethylphthalate	15.169	149	1447515	39.717	ng/ul	99
61) Fluorene	15.386	166	1263292	37.188	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.386	204	615067	36.905	ng/ul	99
63) 4-Nitroaniline	15.416	138	348062	50.712	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.469	198	239482	44.080	ng/ul	94
67) N-Nitrosodiphenylamine	15.598	169	1161456	37.231	ng/ul	98
68) 4-Bromophenyl-phenylether	16.280	248	402751	37.026	ng/ul	98
69) Hexachlorobenzene	16.380	284	475884	37.154	ng/ul	98
70) Atrazine	16.557	200	367387	33.977	ng/ul	99
71) Pentachlorophenol	16.733	266	285044	37.745	ng/ul	98
72) Phenanthrene	17.127	178	2179372	37.031	ng/ul	100
74) Anthracene	17.216	178	2225436	37.405	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.122	216	495836	35.233	ng/ul	99
76) Pentachlorobenzene	14.651	250	510489	35.713	ng/ul	96
77) Carbazole	17.492	167	2100781	40.264	ng/ul	99
78) Di-n-butylphthalate	18.057	149	2690749	42.274	ng/ul	99
80) Fluoranthene	19.145	202	2672248	36.788	ng/ul	98
82) Pyrene	19.510	202	2798568	36.480	ng/ul	100
83) Butylbenzylphthalate	20.421	149	1301532	44.426	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.233	252	931135	44.587	ng/ul	99
85) Benzo(a)anthracene	21.304	228	2876693	37.925	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.239	149	1881696	43.554	ng/ul	98
87) Chrysene	21.368	228	2697200	37.673	ng/ul	99
89) Di-n-octyl phthalate	22.357	149	3552375	42.631	ng/ul	100
90) Benzo(b)fluoranthene	23.339	252	2995601	38.683	ng/ul	98
91) Benzo(k)fluoranthene	23.398	252	2990019	38.019	ng/ul	97
93) Benzo(a)pyrene	24.133	252	2853928	39.013	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.574	276	3292708	41.639	ng/ul	98
95) Dibenzo(a,h)anthracene	27.639	278	2764810	41.532	ng/ul	96
96) Benzo(g,h,i)perylene	28.627	276	2629754	42.361	ng/ul	95

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

