

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121624\
 Data File : BP023482.D
 Acq On : 18 Dec 2024 01:39
 Operator : RC/JU
 Sample : PB165621BS
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS621

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/19/2024
 Supervised By :mohammad ahmed 12/19/2024

Quant Time: Dec 18 03:43:19 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 11 00:30:30 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	Qvalue
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.528	152	260017	20.000	ng/ul	-0.01	
20) Naphthalene-d8	10.275	136	1026841	20.000	ng/ul	# 0.00	
38) Acenaphthene-d10	14.134	164	760746	20.000	ng/ul	-0.01	
64) Phenanthrene-d10	16.945	188	1664570	20.000	ng/ul	#-0.01	
79) Chrysene-d12	21.369	240	1639221	20.000	ng/ul	#-0.02	
88) Perylene-d12	24.527	264	1704725	20.000	ng/ul	-0.05	
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.105	96	34506	4.886	ng/uL	0.00	
4) Pyridine-d5	3.517	84	530406	29.206	ng/ul	0.00	
7) Phenol-d5	6.740	99	665357	32.613	ng/ul	0.00	
9) Bis-(2-Chloroethyl)eth...	6.881	67	393140	30.543	ng/ul	-0.01	
11) 2-Chlorophenol-d4	7.081	132	468503	31.114	ng/ul	0.00	
15) 4-Methylphenol-d8	8.246	113	510118	30.980	ng/ul	-0.01	
21) Nitrobenzene-d5	8.675	128	215747	28.137	ng/ul	-0.01	
24) 2-Nitrophenol-d4	9.381	143	259035	29.312	ng/ul	-0.01	
28) 2,4-Dichlorophenol-d3	9.922	165	532731	28.562	ng/ul	-0.01	
31) 4-Chloroaniline-d4	10.428	131	534290	25.571	ng/ul	-0.01	
46) Dimethylphthalate-d6	13.557	166	1546679	26.190	ng/ul	0.00	
49) Acenaphthylene-d8	13.834	160	1676447	26.913	ng/ul	0.00	
54) 4-Nitrophenol-d4	14.404	143	206058	28.473	ng/ul	0.00	
60) Fluorene-d10	15.145	176	1306671	25.155	ng/ul	-0.01	
65) 4,6-Dinitro-2-methylph...	15.316	200	252464	25.096	ng/ul	0.00	
73) Anthracene-d10	17.045	188	2093765	27.561	ng/ul	0.00	
81) Pyrene-d10	19.428	212	2434348	28.425	ng/ul	-0.02	
92) Benzo(a)pyrene-d12	24.316	264	2485719	27.238	ng/ul	-0.03	
Target Compounds							
2) 1,4-Dioxane	3.134	88	71857	9.195	ng/uL	97	
5) Pyridine	3.534	79	551998	29.756	ng/ul	88	
6) Benzaldehyde	6.711	77	63419	5.437	ng/ul	96	
8) Phenol	6.769	94	707031	33.289	ng/ul#	85	
10) Bis(2-Chloroethyl)ether	6.969	93	516412	30.802	ng/ul	99	
12) 2-Chlorophenol	7.111	128	486597	30.826	ng/ul	99	
13) 2-Methylphenol	7.987	108	499846	31.733	ng/ul	97	
14) 2,2'-oxybis(1-Chloropr...	8.034	45	645694	31.670	ng/ul	98	
16) Acetophenone	8.346	105	758245	27.360	ng/ul	94	
17) N-Nitroso-di-n-propyla...	8.322	70	422878	28.004	ng/ul	93	
18) 4-Methylphenol	8.310	108	541585	31.855	ng/ul	98	
19) Hexachloroethane	8.575	117	205116	26.687	ng/ul	91	
22) Nitrobenzene	8.716	77	630850	27.039	ng/ul	99	
23) Isophorone	9.228	82	1194149	28.896	ng/ul#	97	
25) 2-Nitrophenol	9.410	139	266900	28.274	ng/ul#	86	
26) 2,4-Dimethylphenol	9.481	107	576592	27.584	ng/ul	98	
27) Bis(2-Chloroethoxy)met...	9.699	93	687459	29.444	ng/ul	99	
29) 2,4-Dichlorophenol	9.952	162	531321	28.743	ng/ul	99	
30) Naphthalene	10.322	128	1421875	26.451	ng/ul	99	
32) 4-Chloroaniline	10.446	127	375002	18.509	ng/ul	99	
33) Hexachlorobutadiene	10.593	225	356911	21.766	ng/ul	100	
34) Caprolactam	11.240	113	161770	29.993	ng/ul	89	
35) 4-Chloro-3-methylphenol	11.587	107	584064	29.099	ng/ul	96	
36) 2-Methylnaphthalene	11.934	142	1038087	26.041	ng/ul	99	

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37) 1-Methylnaphthalene	12.157	142	1047618	25.790	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.310	216	684477	24.656	ng/ul	98
40) Hexachlorocyclopentadiene	12.275	237	216876	16.259	ng/ul	98
41) 2,4,6-Trichlorophenol	12.569	196	462310	28.140	ng/ul	100
42) 2,4,5-Trichlorophenol	12.651	196	511770	29.155	ng/ul	99
43) 1,1'-Biphenyl	12.957	154	1448069	26.865	ng/ul	98
44) 2-Chloronaphthalene	12.998	162	1164536	26.710	ng/ul	97
45) 2-Nitroaniline	13.234	65	390981	30.951	ng/ul	92
47) Dimethylphthalate	13.598	163	1482023	25.476	ng/ul	99
48) 2,6-Dinitrotoluene	13.722	165	323566	29.028	ng/ul	90
50) Acenaphthylene	13.857	152	1751214	27.606	ng/ul	100
51) 3-Nitroaniline	14.069	138	292104	31.267	ng/ul	99
52) Acenaphthene	14.210	153	1225852	26.439	ng/ul	98
53) 2,4-Dinitrophenol	14.304	184	163196	22.704	ng/ul	88
55) 4-Nitrophenol	14.416	109	249233	25.563	ng/ul#	74
56) Dibenzofuran	14.551	168	1810521	25.712	ng/ul	95
57) 2,4-Dinitrotoluene	14.551	165	470698	26.205	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.787	232	434707	24.946	ng/ul#	96
59) Diethylphthalate	14.987	149	1503050	25.906	ng/ul	99
61) Fluorene	15.210	166	1459139	25.449	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.204	204	783448	23.559	ng/ul	98
63) 4-Nitroaniline	15.269	138	291347	35.456	ng/ul#	80
66) 4,6-Dinitro-2-methylph...	15.334	198	273382	25.617	ng/ul	98
67) N-Nitrosodiphenylamine	15.428	169	1245104	29.291	ng/ul	99
68) 4-Bromophenyl-phenylether	16.110	248	489365	24.904	ng/ul	96
69) Hexachlorobenzene	16.239	284	558918	23.217	ng/ul	97
70) Atrazine	16.404	200	504534	27.277	ng/ul	98
71) Pentachlorophenol	16.604	266	361909	25.756	ng/ul	96
72) Phenanthrene	16.986	178	2404736	27.944	ng/ul	99
74) Anthracene	17.081	178	2377858	27.634	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	12.928	216	671917	28.004	ng/uL	98
76) Pentachlorobenzene	14.463	250	681492	25.768	ng/uL	99
77) Carbazole	17.375	167	2140647	30.535	ng/ul	99
78) Di-n-butylphthalate	17.945	149	2522545	29.285	ng/ul	98
80) Fluoranthene	19.086	202	2919976	29.755	ng/ul#	94
82) Pyrene	19.463	202	3040017	29.193	ng/ul#	92
83) Butylbenzylphthalate	20.410	149	1142116	31.666	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.280	252	934059	24.833	ng/ul#	98
85) Benzo(a)anthracene	21.351	228	2968363	27.004	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.274	149	1628659	31.445	ng/ul	99
87) Chrysene	21.416	228	2755883	26.162	ng/ul	99
89) Di-n-octyl phthalate	22.480	149	2898203	34.810	ng/ul	100
90) Benzo(b)fluoranthene	23.533	252	2987129	27.889	ng/ul#	97
91) Benzo(k)fluoranthene	23.598	252	2896114	27.176	ng/ul#	98
93) Benzo(a)pyrene	24.386	252	2685003	27.648	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	28.115	276	3389561m	27.160	ng/ul	
95) Dibenzo(a,h)anthracene	28.151	278	2715076m	27.185	ng/ul	
96) Benzo(g,h,i)perylene	29.221	276	2646456m	27.697	ng/ul	

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

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