

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102524\
 Data File : BP022656.D
 Acq On : 27 Oct 2024 00:07
 Operator : RC/JU
 Sample : PB164387BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS387

Quant Time: Oct 28 00:39:28 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Oct 26 05:55:04 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/28/2024
 Supervised By :mohammad ahmed 10/29/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.646	152	96561	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.399	136	367470	20.000	ng/u1	-0.02
38) Acenaphthene-d10	14.269	164	281582	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.081	188	714552	20.000	ng/u1	0.00
79) Chrysene-d12	21.498	240	790393	20.000	ng/u1	0.00
88) Perylene-d12	24.769	264	898617	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.187	96	11240	4.523	ng/uL	-0.01
4) Pyridine-d5	3.599	84	168239	24.663	ng/u1	-0.01
7) Phenol-d5	6.840	99	214840	26.431	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	6.987	67	115192	24.112	ng/u1	-0.02
11) 2-Chlorophenol-d4	7.187	132	157946	27.385	ng/u1	-0.02
15) 4-Methylphenol-d8	8.352	113	171921	26.504	ng/u1	-0.01
21) Nitrobenzene-d5	8.787	128	75202	26.616	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.505	143	90106	27.545	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.040	165	192255	27.653	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.546	131	196504	23.919	ng/u1	-0.01
46) Dimethylphthalate-d6	13.669	166	585657	26.178	ng/u1	-0.01
49) Acenaphthylene-d8	13.957	160	634469	26.701	ng/u1	0.00
54) 4-Nitrophenol-d4	14.504	143	95054	25.326	ng/u1	0.00
60) Fluorene-d10	15.281	176	509801	26.272	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.416	200	112983	24.041	ng/u1	0.00
73) Anthracene-d10	17.175	188	874212	26.007	ng/u1	0.00
81) Pyrene-d10	19.557	212	1101193	26.346	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.545	264	1299530	27.079	ng/u1	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.217	88	23254	8.704	ng/uL	99
5) Pyridine	3.617	79	168342	24.068	ng/u1	97
6) Benzaldehyde	6.805	77	20870	4.751	ng/u1	88
8) Phenol	6.869	94	223769	26.461	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.081	93	158016	24.967	ng/u1	100
12) 2-Chlorophenol	7.222	128	161944	27.153	ng/u1	99
13) 2-Methylphenol	8.093	108	160621	26.172	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.158	45	178582	24.278	ng/u1	98
16) Acetophenone	8.458	105	262113	24.476	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.440	70	136745	25.203	ng/u1	96
18) 4-Methylphenol	8.416	108	177888	26.128	ng/u1	95
19) Hexachloroethane	8.705	117	70320	25.317	ng/u1	98
22) Nitrobenzene	8.828	77	214303	25.410	ng/u1	100
23) Isophorone	9.352	82	372516	24.635	ng/u1	98
25) 2-Nitrophenol	9.534	139	95541	27.101	ng/u1	96
26) 2,4-Dimethylphenol	9.599	107	194136	25.335	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.822	93	213432	24.858	ng/u1	100
29) 2,4-Dichlorophenol	10.063	162	193577	28.274	ng/u1	99
30) Naphthalene	10.452	128	506405	25.873	ng/u1	98
32) 4-Chloroaniline	10.569	127	114977	14.178	ng/u1	93
33) Hexachlorobutadiene	10.728	225	155351	26.922	ng/u1	99
34) Caprolactam	11.352	113	51532m	23.346	ng/u1	
35) 4-Chloro-3-methylphenol	11.704	107	198947	26.633	ng/u1	99
36) 2-Methylnaphthalene	12.063	142	378814	26.367	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.287	142	367424	25.056	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.440	216	282573	27.140	ng/ul	93
40) Hexachlorocyclopentadiene	12.410	237	105693	16.662	ng/ul	99
41) 2,4,6-Trichlorophenol	12.681	196	180312	27.532	ng/ul	97
42) 2,4,5-Trichlorophenol	12.763	196	194526	27.895	ng/ul	95
43) 1,1'-Biphenyl	13.081	154	536270	26.422	ng/ul	100
44) 2-Chloronaphthalene	13.128	162	443309	26.682	ng/ul	98
45) 2-Nitroaniline	13.340	65	128706	25.943	ng/ul	94
47) Dimethylphthalate	13.716	163	565272	25.356	ng/ul	100
48) 2,6-Dinitrotoluene	13.846	165	115750	27.451	ng/ul	94
50) Acenaphthylene	13.987	152	634214	25.717	ng/ul	99
51) 3-Nitroaniline	14.181	138	102678	25.926	ng/ul	97
52) Acenaphthene	14.334	153	461450	26.461	ng/ul	100
53) 2,4-Dinitrophenol	14.398	184	72999	23.530	ng/ul	99
55) 4-Nitrophenol	14.522	109	106592	25.589	ng/ul	94
56) Dibenzofuran	14.681	168	682112	26.040	ng/ul	100
57) 2,4-Dinitrotoluene	14.657	165	180861	27.603	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.916	232	184410	28.332	ng/ul	98
59) Diethylphthalate	15.098	149	552958	25.854	ng/ul	98
61) Fluorene	15.340	166	560894	26.279	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.340	204	319281	26.159	ng/ul	97
63) 4-Nitroaniline	15.375	138	120043m	30.123	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.428	198	120493	23.804	ng/ul	99
67) N-Nitrosodiphenylamine	15.551	169	483274	25.256	ng/ul	100
68) 4-Bromophenyl-phenylether	16.240	248	229285	26.609	ng/ul	98
69) Hexachlorobenzene	16.375	284	283436	26.723	ng/ul	97
70) Atrazine	16.528	200	209656	26.359	ng/ul	95
71) Pentachlorophenol	16.728	266	179924	26.382	ng/ul	98
72) Phenanthrene	17.116	178	969790	25.368	ng/ul	100
74) Anthracene	17.204	178	979363	25.671	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.046	216	274149	25.198	ng/uL	98
76) Pentachlorobenzene	14.598	250	304757	25.339	ng/uL	98
77) Carbazole	17.492	167	870500	25.787	ng/ul	98
78) Di-n-butylphthalate	18.081	149	945407	25.311	ng/ul	100
80) Fluoranthene	19.210	202	1292454	26.897	ng/ul	99
82) Pyrene	19.586	202	1381481	26.824	ng/ul	98
83) Butylbenzylphthalate	20.533	149	454309	25.337	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.404	252	489522	25.982	ng/ul	98
85) Benzo(a)anthracene	21.480	228	1419670	25.621	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.410	149	644752	25.051	ng/ul	99
87) Chrysene	21.545	228	1328498	25.858	ng/ul	100
89) Di-n-octyl phthalate	22.651	149	1114949	26.084	ng/ul	100
90) Benzo(b)fluoranthene	23.733	252	1521786	26.904	ng/ul#	98
91) Benzo(k)fluoranthene	23.804	252	1478147	26.691	ng/ul	99
93) Benzo(a)pyrene	24.610	252	1351683	25.964	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.457	276	1817973	26.169	ng/ul	97
95) Dibenzo(a,h)anthracene	28.521	278	1458020	25.918	ng/ul	98
96) Benzo(g,h,i)perylene	29.615	276	1400404m	25.916	ng/ul	

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

