

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051424\
 Data File : BP020403.D
 Acq On : 15 May 2024 16:58
 Operator : MA/JU
 Sample : PB160788BS
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS788

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/16/2024
 Supervised By :mohammad ahmed 05/17/2024

Quant Time: May 15 17:32:24 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 14 23:58:44 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.587	152	96072	20.000	ng/u1	0.00
20) Naphthalene-d8	10.358	136	397891	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.263	164	294126	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.110	188	690692	20.000	ng/u1	0.00
79) Chrysene-d12	21.604	240	713351	20.000	ng/u1	0.00
88) Perylene-d12	24.951	264	790393	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.187	96	11700	5.143	ng/uL	0.00
4) Pyridine-d5	3.587	84	159101	24.071	ng/u1	-0.01
7) Phenol-d5	6.775	99	214943	26.052	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	6.946	67	123072	24.556	ng/u1	0.00
11) 2-Chlorophenol-d4	7.128	132	169731	28.777	ng/u1	0.00
15) 4-Methylphenol-d8	8.299	113	173859	26.064	ng/u1	-0.01
21) Nitrobenzene-d5	8.752	128	84220	28.266	ng/u1	0.00
24) 2-Nitrophenol-d4	9.463	143	98883	28.981	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.999	165	183060	29.401	ng/u1	0.00
31) 4-Chloroaniline-d4	10.522	131	228713	26.246	ng/u1	0.00
46) Dimethylphthalate-d6	13.681	166	611877	28.487	ng/u1	0.00
49) Acenaphthylene-d8	13.951	160	665598	28.052	ng/u1	0.00
54) 4-Nitrophenol-d4	14.528	143	89446	27.096	ng/u1	-0.02
60) Fluorene-d10	15.287	176	518355	28.934	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.451	200	119581	27.283	ng/u1	0.00
73) Anthracene-d10	17.210	188	838415	28.060	ng/u1	0.00
81) Pyrene-d10	19.610	212	1059933	25.419	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.721	264	1076182	28.160	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.223	88	25041	9.701	ng/uL	91
5) Pyridine	3.605	79	154614	23.127	ng/u1	94
6) Benzaldehyde	6.764	77	128508	30.987	ng/u1	97
8) Phenol	6.805	94	215363	25.290	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.040	93	160405	24.072	ng/u1	98
12) 2-Chlorophenol	7.158	128	165112	26.812	ng/u1	96
13) 2-Methylphenol	8.034	108	159319	25.082	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.111	45	189800	22.833	ng/u1	97
16) Acetophenone	8.416	105	272817	24.643	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.393	70	145489	24.217	ng/u1	93
18) 4-Methylphenol	8.364	108	176464	25.559	ng/u1	98
19) Hexachloroethane	8.634	117	72086	25.598	ng/u1	92
22) Nitrobenzene	8.793	77	216714	25.337	ng/u1	96
23) Isophorone	9.311	82	406864	24.738	ng/u1	99
25) 2-Nitrophenol	9.493	139	100585	28.460	ng/u1	93
26) 2,4-Dimethylphenol	9.552	107	180690	23.434	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.793	93	223868	24.552	ng/u1	99
29) 2,4-Dichlorophenol	10.022	162	176550	29.151	ng/u1	98
30) Naphthalene	10.410	128	535151	26.094	ng/u1	99
32) 4-Chloroaniline	10.546	127	206273	24.206	ng/u1	96
33) Hexachlorobutadiene	10.669	225	126392	26.869	ng/u1	95
34) Caprolactam	11.363	113	64585m	30.541	ng/u1	
35) 4-Chloro-3-methylphenol	11.681	107	218626	28.993	ng/u1	99
36) 2-Methylnaphthalene	12.040	142	389287	27.281	ng/u1	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.263	142	388758	27.073	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.410	216	246701	26.894	ng/ul	99
40) Hexachlorocyclopentadiene	12.363	237	80072	16.050	ng/ul	95
41) 2,4,6-Trichlorophenol	12.675	196	160611	27.920	ng/ul	99
42) 2,4,5-Trichlorophenol	12.757	196	171405	27.691	ng/ul	94
43) 1,1'-Biphenyl	13.075	154	534753	25.705	ng/ul	100
44) 2-Chloronaphthalene	13.116	162	422138	25.572	ng/ul	99
45) 2-Nitroaniline	13.357	65	148034	27.035	ng/ul	96
47) Dimethylphthalate	13.728	163	596290	27.484	ng/ul	100
48) 2,6-Dinitrotoluene	13.869	165	124986	28.979	ng/ul	95
50) Acenaphthylene	13.975	152	688729	25.807	ng/ul	99
51) 3-Nitroaniline	14.210	138	114747	28.525	ng/ul	99
52) Acenaphthene	14.328	153	459022	25.595	ng/ul	99
53) 2,4-Dinitrophenol	14.446	184	71227	26.905	ng/ul	94
55) 4-Nitrophenol	14.540	109	91470	26.614	ng/ul	91
56) Dibenzofuran	14.675	168	679966	27.567	ng/ul	100
57) 2,4-Dinitrotoluene	14.687	165	192291	31.010	ng/ul#	80
58) 2,3,4,6-Tetrachlorophenol	14.916	232	165638	29.799	ng/ul	98
59) Diethylphthalate	15.128	149	604307	27.904	ng/ul	98
61) Fluorene	15.345	166	565372	27.586	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.345	204	305499	28.098	ng/ul	94
63) 4-Nitroaniline	15.416	138	118869	35.458	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.469	198	125697	27.503	ng/ul	95
67) N-Nitrosodiphenylamine	15.575	169	500858	26.044	ng/ul	98
68) 4-Bromophenyl-phenylether	16.275	248	197642	26.418	ng/ul	99
69) Hexachlorobenzene	16.375	284	237071	27.359	ng/ul	96
70) Atrazine	16.581	200	197845	29.013	ng/ul	100
71) Pentachlorophenol	16.757	266	141088	26.938	ng/ul	97
72) Phenanthrene	17.157	178	936745	26.582	ng/ul	99
74) Anthracene	17.251	178	942019	26.282	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.028	216	245324	23.899	ng/uL	96
76) Pentachlorobenzene	14.587	250	263821	25.682	ng/uL	98
77) Carbazole	17.551	167	869810	28.170	ng/ul	100
78) Di-n-butylphthalate	18.139	149	1066395	28.493	ng/ul	99
80) Fluoranthene	19.263	202	1194568	24.342	ng/ul	98
82) Pyrene	19.645	202	1264639	24.768	ng/ul	99
83) Butylbenzylphthalate	20.622	149	503437	25.974	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.516	252	384914	26.513	ng/ul	99
85) Benzo(a)anthracene	21.580	228	1261228	26.067	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.528	149	736307	26.333	ng/ul	99
87) Chrysene	21.651	228	1201280	26.788	ng/ul	99
89) Di-n-octyl phthalate	22.816	149	1275450	25.197	ng/ul	100
90) Benzo(b)fluoranthene	23.892	252	1290290	27.443	ng/ul	99
91) Benzo(k)fluoranthene	23.969	252	1259017	26.276	ng/ul	100
93) Benzo(a)pyrene	24.792	252	1081800m	24.181	ng/ul	
94) Indeno(1,2,3-cd)pyrene	28.757	276	1487639m	27.126	ng/ul	
95) Dibenzo(a,h)anthracene	28.857	278	1203308	26.527	ng/ul	98
96) Benzo(g,h,i)perylene	29.927	276	1147267m	25.938	ng/ul	

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

