

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072421\
 Data File : BP006302.D
 Acq On : 24 Jul 2021 12:25
 Operator : CG/JU
 Sample : PB137656BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS656

Manual Integrations
 APPROVED

mohammad
 7/26/2021 1:29:52 PM

Quant Time: Jul 26 00:57:45 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP072421.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jul 24 04:29:12 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	230899	20.000	ng/u1	0.00
20) Naphthalene-d8	10.581	136	993155	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.422	164	581274	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.169	188	1155373	20.000	ng/u1	0.00
79) Chrysene-d12	21.268	240	1128664	20.000	ng/u1	0.00
88) Perylene-d12	23.615	264	1133502	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	46642	7.540	ng/uL	0.00
4) Pyridine-d5	3.705	84	678760	36.963	ng/u1	0.00
7) Phenol-d5	6.963	99	834427	38.478	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.134	67	524576	38.877	ng/u1	0.00
11) 2-Chlorophenol-d4	7.328	132	648523	40.253	ng/u1	0.00
15) 4-Methylphenol-d8	8.504	113	660833	38.750	ng/u1	0.00
21) Nitrobenzene-d5	8.951	128	308514	41.719	ng/u1	0.00
24) 2-Nitrophenol-d4	9.663	143	305514	43.268	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.198	165	571389	41.296	ng/u1	0.00
31) 4-Chloroaniline-d4	10.716	131	880698	38.662	ng/u1	0.00
46) Dimethylphthalate-d6	13.839	166	1756142	42.449	ng/u1	0.00
49) Acenaphthylene-d8	14.110	160	2193520	43.156	ng/u1	0.00
54) 4-Nitrophenol-d4	14.622	143	349835	42.588	ng/u1	0.00
60) Fluorene-d10	15.416	176	1465089	42.126	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.533	200	260773	40.487	ng/u1	0.00
73) Anthracene-d10	17.275	188	2234079	42.835	ng/u1	0.00
81) Pyrene-d10	19.510	212	2482036	42.755	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.468	264	2428407	42.159	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.334	88	99004	15.159	ng/uL	98
5) Pyridine	3.722	79	709228	37.033	ng/u1	98
6) Benzaldehyde	6.940	77	526783	44.523	ng/u1	100
8) Phenol	6.993	94	879850	39.692	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.228	93	687377	39.422	ng/u1	99
12) 2-Chlorophenol	7.357	128	674857	41.316	ng/u1	98
13) 2-Methylphenol	8.234	108	639567	39.538	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.322	45	767957	39.424	ng/u1	99
16) Acetophenone	8.616	105	1032113	39.357	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.610	70	559463	40.779	ng/u1	97
18) 4-Methylphenol	8.569	108	688776	39.654	ng/u1	95
19) Hexachloroethane	8.863	117	274815	41.131	ng/u1	99
22) Nitrobenzene	8.993	77	817614	42.614	ng/u1	99
23) Isophorone	9.522	82	1461928	42.622	ng/u1	99
25) 2-Nitrophenol	9.698	139	343812	44.155	ng/u1	98
26) 2,4-Dimethylphenol	9.763	107	733199	39.705	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.004	93	905537	41.111	ng/u1	100
29) 2,4-Dichlorophenol	10.228	162	576124	42.440	ng/u1	99
30) Naphthalene	10.628	128	2120577	41.154	ng/u1	100
32) 4-Chloroaniline	10.745	127	878890	39.166	ng/u1	99
33) Hexachlorobutadiene	10.916	225	344615	41.612	ng/u1	98
34) Caprolactam	11.528	113	195775m	41.766	ng/u1	
35) 4-Chloro-3-methylphenol	11.869	107	711417	43.900	ng/u1	98
36) 2-Methylnaphthalene	12.240	142	1470163	41.638	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.457	142	1431685	40.284	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.610	216	653805	41.737	ng/ul	99
40) Hexachlorocyclopentadiene	12.587	237	374959	36.795	ng/ul	100
41) 2,4,6-Trichlorophenol	12.851	196	427982	44.092	ng/ul	98
42) 2,4,5-Trichlorophenol	12.916	196	472163	44.458	ng/ul	99
43) 1,1'-Biphenyl	13.257	154	1815299	41.661	ng/ul	99
44) 2-Chloronaphthalene	13.292	162	1368241	41.589	ng/ul	99
45) 2-Nitroaniline	13.504	65	454681	46.786	ng/ul	96
47) Dimethylphthalate	13.892	163	1750161	43.099	ng/ul	100
48) 2,6-Dinitrotoluene	14.004	165	344038	46.342	ng/ul	97
50) Acenaphthylene	14.139	152	2118178	42.794	ng/ul	100
51) 3-Nitroaniline	14.328	138	379203	43.594	ng/ul	98
52) Acenaphthene	14.486	153	1524398	41.976	ng/ul	99
53) 2,4-Dinitrophenol	14.534	184	186688	42.400	ng/ul	95
55) 4-Nitrophenol	14.639	109	297196	44.729	ng/ul	94
56) Dibenzofuran	14.822	168	2062558	42.350	ng/ul	100
57) 2,4-Dinitrotoluene	14.786	165	502089	47.327	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.045	232	380269	45.914	ng/ul	99
59) Diethylphthalate	15.257	149	1869464	44.447	ng/ul	99
61) Fluorene	15.469	166	1715644	42.825	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.469	204	792264	42.419	ng/ul	99
63) 4-Nitroaniline	15.498	138	400315	46.857	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.551	198	268830	42.696	ng/ul#	96
67) N-Nitrosodiphenylamine	15.686	169	1450749	42.268	ng/ul	99
68) 4-Bromophenyl-phenylether	16.369	248	411565	44.480	ng/ul	98
69) Hexachlorobenzene	16.469	284	528493	42.590	ng/ul	99
70) Atrazine	16.651	200	517740	43.589	ng/ul	99
71) Pentachlorophenol	16.816	266	328500	42.110	ng/ul	99
72) Phenanthrene	17.216	178	2674311	43.106	ng/ul	99
74) Anthracene	17.304	178	2681575	42.628	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.216	216	648480	40.947	ng/ul	99
76) Pentachlorobenzene	14.733	250	643595	41.686	ng/ul	99
77) Carbazole	17.580	167	2498482	43.418	ng/ul	99
78) Di-n-butylphthalate	18.151	149	3169216	46.081	ng/ul	100
80) Fluoranthene	19.186	202	3018754	42.201	ng/ul	99
82) Pyrene	19.539	202	3115737	41.976	ng/ul	99
83) Butylbenzylphthalate	20.433	149	1406181	46.170	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.192	252	1063814	42.778	ng/ul	99
85) Benzo(a)anthracene	21.251	228	2981013	42.624	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.198	149	2193325	45.996	ng/ul	98
87) Chrysene	21.304	228	2855929	42.602	ng/ul	100
89) Di-n-octyl phthalate	22.110	149	3650720	46.217	ng/ul	100
90) Benzo(b)fluoranthene	22.904	252	3118998	43.321	ng/ul	100
91) Benzo(k)fluoranthene	22.951	252	2979179	43.599	ng/ul	99
93) Benzo(a)pyrene	23.515	252	2766456	43.959	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.056	276	3534255	43.873	ng/ul	98
95) Dibenzo(a,h)anthracene	26.080	278	2983757	43.732	ng/ul	98
96) Benzo(g,h,i)perylene	26.798	276	2909779	43.718	ng/ul	98

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

