

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080721\
 Data File : BP006562.D
 Acq On : 07 Aug 2021 11:34
 Operator : CG/JU
 Sample : PB138048BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS048

Manual Integrations
 APPROVED

mohammad
 8/9/2021 12:16:42 PM

Quant Time: Aug 07 14:23:23 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP072421.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 07 13:59:25 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.752	152	202510	20.000	ng/u1	0.00
20) Naphthalene-d8	10.534	136	885724	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.381	164	508283	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.134	188	1004936	20.000	ng/u1	0.00
79) Chrysene-d12	21.233	240	971868	20.000	ng/u1	0.00
88) Perylene-d12	23.563	264	1005052	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.276	96	42853	7.899	ng/uL	0.00
4) Pyridine-d5	3.675	84	615354	38.207	ng/u1	0.00
7) Phenol-d5	6.934	99	720636	37.889	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.099	67	459950	38.866	ng/u1	0.00
11) 2-Chlorophenol-d4	7.287	132	553058	39.140	ng/u1	0.00
15) 4-Methylphenol-d8	8.469	113	566605	37.882	ng/u1	0.01
21) Nitrobenzene-d5	8.911	128	274816	41.670	ng/u1	0.00
24) 2-Nitrophenol-d4	9.622	143	283526	45.024	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.158	165	474811	38.478	ng/u1	0.00
31) 4-Chloroaniline-d4	10.681	131	725511	35.712	ng/u1	0.00
46) Dimethylphthalate-d6	13.804	166	1443822	39.911	ng/u1	0.00
49) Acenaphthylene-d8	14.075	160	1803164	40.571	ng/u1	0.00
54) 4-Nitrophenol-d4	14.598	143	291382	40.566	ng/u1	0.01
60) Fluorene-d10	15.375	176	1181819	38.861	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.504	200	223350	39.868	ng/u1	0.00
73) Anthracene-d10	17.234	188	1826952	40.273	ng/u1	0.00
81) Pyrene-d10	19.475	212	2005639	40.123	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.410	264	2001825	39.195	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.311	88	94453	16.490	ng/uL	92
5) Pyridine	3.699	79	657690	39.157	ng/u1	97
6) Benzaldehyde	6.905	77	499559	48.141	ng/u1	99
8) Phenol	6.958	94	785869	40.422	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.193	93	602395	39.392	ng/u1	99
12) 2-Chlorophenol	7.322	128	593566	41.434	ng/u1	99
13) 2-Methylphenol	8.199	108	557058	39.265	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.293	45	720872	42.195	ng/u1	100
16) Acetophenone	8.575	105	928391	40.365	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.569	70	522177	43.397	ng/u1	98
18) 4-Methylphenol	8.528	108	604131	39.656	ng/u1	98
19) Hexachloroethane	8.822	117	260260	44.414	ng/u1	97
22) Nitrobenzene	8.952	77	772795	45.163	ng/u1	100
23) Isophorone	9.481	82	1384232	45.252	ng/u1	100
25) 2-Nitrophenol	9.658	139	318884	45.921	ng/u1	99
26) 2,4-Dimethylphenol	9.722	107	665703	40.423	ng/u1	100
27) Bis(2-Chloroethoxy)met...	9.963	93	804797	40.969	ng/u1	99
29) 2,4-Dichlorophenol	10.187	162	493021	40.723	ng/u1	100
30) Naphthalene	10.587	128	1820528	39.616	ng/u1	100
32) 4-Chloroaniline	10.705	127	742372	37.095	ng/u1	99
33) Hexachlorobutadiene	10.869	225	294291	39.845	ng/u1	98
34) Caprolactam	11.499	113	190075m	45.468	ng/u1	
35) 4-Chloro-3-methylphenol	11.834	107	627267	43.402	ng/u1	99
36) 2-Methylnaphthalene	12.199	142	1234851	39.216	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.416	142	1208305	38.123	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.563	216	533039	38.915	ng/ul	98
40) Hexachlorocyclopentadiene	12.546	237	303784	34.092	ng/ul	98
41) 2,4,6-Trichlorophenol	12.810	196	362404	42.697	ng/ul	99
42) 2,4,5-Trichlorophenol	12.881	196	396033	42.645	ng/ul	99
43) 1,1'-Biphenyl	13.216	154	1513277	39.717	ng/ul	100
44) 2-Chloronaphthalene	13.251	162	1142543	39.716	ng/ul	99
45) 2-Nitroaniline	13.469	65	447597	52.671	ng/ul	96
47) Dimethylphthalate	13.851	163	1492388	42.028	ng/ul	100
48) 2,6-Dinitrotoluene	13.969	165	306935	47.282	ng/ul	97
50) Acenaphthylene	14.104	152	1791616	41.394	ng/ul	100
51) 3-Nitroaniline	14.298	138	353750	46.508	ng/ul	98
52) Acenaphthene	14.445	153	1291264	40.662	ng/ul	99
53) 2,4-Dinitrophenol	14.504	184	152419	39.588	ng/ul	99
55) 4-Nitrophenol	14.610	109	283316	48.764	ng/ul	99
56) Dibenzofuran	14.781	168	1714255	40.253	ng/ul	99
57) 2,4-Dinitrotoluene	14.757	165	449339	48.437	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.010	232	325391	44.930	ng/ul	99
59) Diethylphthalate	15.222	149	1629452	44.304	ng/ul	99
61) Fluorene	15.434	166	1446918	41.304	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.434	204	655724	40.150	ng/ul	98
63) 4-Nitroaniline	15.463	138	372666	49.884	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.516	198	234397	42.800	ng/ul#	96
67) N-Nitrosodiphenylamine	15.651	169	1239493	41.519	ng/ul	99
68) 4-Bromophenyl-phenylether	16.328	248	388738	48.302	ng/ul	99
69) Hexachlorobenzene	16.434	284	438771	40.653	ng/ul	97
70) Atrazine	16.616	200	432485	41.862	ng/ul	99
71) Pentachlorophenol	16.781	266	276356	40.729	ng/ul	99
72) Phenanthrene	17.181	178	2247041	41.641	ng/ul	99
74) Anthracene	17.269	178	2272746	41.537	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.175	216	531645	38.595	ng/ul	99
76) Pentachlorobenzene	14.698	250	525218	39.111	ng/ul	100
77) Carbazole	17.545	167	2113615	42.229	ng/ul	99
78) Di-n-butylphthalate	18.110	149	2839604	47.469	ng/ul	100
80) Fluoranthene	19.151	202	2545880	41.332	ng/ul	100
82) Pyrene	19.504	202	2614944	40.913	ng/ul	98
83) Butylbenzylphthalate	20.392	149	1297106	49.460	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.157	252	845244	39.472	ng/ul	100
85) Benzo(a)anthracene	21.222	228	2519179	41.832	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.157	149	1969112	47.956	ng/ul	99
87) Chrysene	21.269	228	2423506	41.984	ng/ul	99
89) Di-n-octyl phthalate	22.063	149	3387238	48.362	ng/ul	100
90) Benzo(b)fluoranthene	22.857	252	2701465	42.318	ng/ul	99
91) Benzo(k)fluoranthene	22.904	252	2497209	41.216	ng/ul	99
93) Benzo(a)pyrene	23.463	252	2371144	42.493	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.968	276	3081226	43.137	ng/ul	99
95) Dibenzo(a,h)anthracene	25.986	278	2588973	42.795	ng/ul	100
96) Benzo(g,h,i)perylene	26.710	276	2546674	43.152	ng/ul	99

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

