

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101424\
 Data File : BP022407.D
 Acq On : 16 Oct 2024 03:48
 Operator : RC/JU
 Sample : PB164093BS
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS093

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/17/2024
 Supervised By :mohammad ahmed 10/22/2024

Quant Time: Oct 16 04:28:37 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Oct 14 11:01:55 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.693	152	105634	20.000	ng/u1	0.00
20) Naphthalene-d8	10.451	136	409364	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.304	164	328631	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.116	188	828647	20.000	ng/u1	0.00
79) Chrysene-d12	21.539	240	862080	20.000	ng/u1	-0.01
88) Perylene-d12	24.827	264	997563	20.000	ng/u1	-0.02

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.222	96	11953	4.397	ng/uL	0.00
4) Pyridine-d5	3.628	84	170439	22.840	ng/u1	0.00
7) Phenol-d5	6.881	99	223185	25.100	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.034	67	123331	23.599	ng/u1	0.00
11) 2-Chlorophenol-d4	7.240	132	164737	26.109	ng/u1	0.00
15) 4-Methylphenol-d8	8.399	113	183631	25.877	ng/u1	0.00
21) Nitrobenzene-d5	8.834	128	84530	26.855	ng/u1	0.00
24) 2-Nitrophenol-d4	9.546	143	102586	28.151	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.075	165	213966	27.626	ng/u1	0.00
31) 4-Chloroaniline-d4	10.587	131	227356	24.843	ng/u1	0.00
46) Dimethylphthalate-d6	13.722	166	648527	24.838	ng/u1	0.01
49) Acenaphthylene-d8	13.998	160	734985	26.503	ng/u1	0.00
54) 4-Nitrophenol-d4	14.522	143	112929	25.781	ng/u1	-0.02
60) Fluorene-d10	15.322	176	597794	26.396	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.457	200	135042	24.779	ng/u1	0.01
73) Anthracene-d10	17.210	188	1013939	26.011	ng/u1	0.00
81) Pyrene-d10	19.592	212	1257819	27.591	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.598	264	1440038	27.030	ng/u1	-0.04

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.252	88	25692	8.790	ng/uL	99
5) Pyridine	3.652	79	171981	22.476	ng/u1	97
6) Benzaldehyde	6.852	77	125225	26.060	ng/u1	99
8) Phenol	6.905	94	239368	25.874	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.128	93	177042	25.570	ng/u1	96
12) 2-Chlorophenol	7.269	128	175207	26.854	ng/u1	96
13) 2-Methylphenol	8.134	108	175480	26.137	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.199	45	197863	24.589	ng/u1	99
16) Acetophenone	8.505	105	299682	25.580	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.487	70	149449	25.179	ng/u1	97
18) 4-Methylphenol	8.457	108	195614	26.263	ng/u1	97
19) Hexachloroethane	8.752	117	79882	26.289	ng/u1	94
22) Nitrobenzene	8.875	77	243119	25.876	ng/u1	99
23) Isophorone	9.399	82	427744	25.392	ng/u1	98
25) 2-Nitrophenol	9.581	139	110341	28.096	ng/u1	94
26) 2,4-Dimethylphenol	9.640	107	198677	23.274	ng/u1	96
27) Bis(2-Chloroethoxy)met...	9.863	93	241855	25.285	ng/u1	99
29) 2,4-Dichlorophenol	10.104	162	211904	27.783	ng/u1	99
30) Naphthalene	10.499	128	578184	26.517	ng/u1	99
32) 4-Chloroaniline	10.610	127	186214	20.613	ng/u1	97
33) Hexachlorobutadiene	10.781	225	167638	26.078	ng/u1	99
34) Caprolactam	11.387	113	62086m	25.249	ng/u1	
35) 4-Chloro-3-methylphenol	11.746	107	234423	28.170	ng/u1	97
36) 2-Methylnaphthalene	12.110	142	427073	26.684	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.334	142	435303	26.647	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.481	216	321477	26.456	ng/ul	94
40) Hexachlorocyclopentadiene	12.457	237	119180	16.098	ng/ul	99
41) 2,4,6-Trichlorophenol	12.728	196	201841	26.407	ng/ul	96
42) 2,4,5-Trichlorophenol	12.804	196	224525	27.588	ng/ul	98
43) 1,1'-Biphenyl	13.128	154	620202	26.183	ng/ul	99
44) 2-Chloronaphthalene	13.169	162	519902	26.812	ng/ul	99
45) 2-Nitroaniline	13.381	65	156198	26.977	ng/ul	98
47) Dimethylphthalate	13.763	163	650160	24.989	ng/ul	99
48) 2,6-Dinitrotoluene	13.881	165	139127	28.271	ng/ul	93
50) Acenaphthylene	14.028	152	770413	26.767	ng/ul	100
51) 3-Nitroaniline	14.210	138	125875	27.233	ng/ul	98
52) Acenaphthene	14.381	153	534423	26.258	ng/ul	100
53) 2,4-Dinitrophenol	14.440	184	92566	25.565	ng/ul	96
55) 4-Nitrophenol	14.540	109	131474	27.043	ng/ul	93
56) Dibenzofuran	14.722	168	811086	26.530	ng/ul	100
57) 2,4-Dinitrotoluene	14.692	165	217534	28.446	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	14.951	232	200091	26.340	ng/ul#	98
59) Diethylphthalate	15.139	149	626998	25.119	ng/ul	99
61) Fluorene	15.381	166	664982	26.695	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.375	204	370301	25.995	ng/ul	97
63) 4-Nitroaniline	15.416	138	141966	30.524	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.469	198	150931	25.711	ng/ul	96
67) N-Nitrosodiphenylamine	15.581	169	563783	25.406	ng/ul	99
68) 4-Bromophenyl-phenylether	16.275	248	265331	26.552	ng/ul	95
69) Hexachlorobenzene	16.410	284	335439	27.271	ng/ul	96
70) Atrazine	16.557	200	157000	17.021	ng/ul	96
71) Pentachlorophenol	16.763	266	195213	24.683	ng/ul	97
72) Phenanthrene	17.157	178	1173079	26.460	ng/ul	99
74) Anthracene	17.245	178	1169536	26.435	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.093	216	314820	24.952	ng/uL	98
76) Pentachlorobenzene	14.634	250	347139	24.888	ng/uL	100
77) Carbazole	17.533	167	1025674	26.201	ng/ul	99
78) Di-n-butylphthalate	18.122	149	1094395	25.266	ng/ul	99
80) Fluoranthene	19.245	202	1535892	29.306	ng/ul	99
82) Pyrene	19.622	202	1605302	28.578	ng/ul	100
83) Butylbenzylphthalate	20.557	149	530629	27.132	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.439	252	568427	27.661	ng/ul	98
85) Benzo(a)anthracene	21.522	228	1629554	26.964	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.451	149	731332	26.052	ng/ul	99
87) Chrysene	21.586	228	1512074	26.983	ng/ul	99
89) Di-n-octyl phthalate	22.698	149	1252426	26.394	ng/ul	100
90) Benzo(b)fluoranthene	23.780	252	1729912m	27.549	ng/ul	
91) Benzo(k)fluoranthene	23.839	252	1677506	27.286	ng/ul	99
93) Benzo(a)pyrene	24.668	252	1520715	26.314	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.556	276	2036725m	26.410	ng/ul	
95) Dibenzo(a,h)anthracene	28.627	278	1637519m	26.221	ng/ul	
96) Benzo(g,h,i)perylene	29.709	276	1558240m	25.977	ng/ul	

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

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