

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100724\
 Data File : BN034447.D
 Acq On : 07 Oct 2024 20:53
 Operator : RC/JU
 Sample : PB163648BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS648

Quant Time: Oct 08 00:36:25 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Sep 30 14:14:38 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/08/2024
 Supervised By :mohammad ahmed 10/09/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.375	152	272996	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.134	136	1109778	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.034	164	679237	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.792	188	1364354	20.000	ng/ul	0.00
79) Chrysene-d12	21.027	240	936134	20.000	ng/ul	0.00
88) Perylene-d12	23.739	264	1075786	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.993	96	29573	4.420	ng/uL	0.00
4) Pyridine-d5	3.381	84	401259	20.179	ng/ul	0.00
7) Phenol-d5	6.581	99	541163	22.336	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.734	67	320680	21.333	ng/ul	0.00
11) 2-Chlorophenol-d4	6.922	132	487550	25.564	ng/ul	0.00
15) 4-Methylphenol-d8	8.099	113	445768	22.360	ng/ul	0.00
21) Nitrobenzene-d5	8.522	128	232763	26.314	ng/ul	0.00
24) 2-Nitrophenol-d4	9.234	143	261520	28.751	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.769	165	462797	27.016	ng/ul	0.00
31) 4-Chloroaniline-d4	10.281	131	604945	23.326	ng/ul	-0.01
46) Dimethylphthalate-d6	13.457	166	1295559	25.522	ng/ul	-0.01
49) Acenaphthylene-d8	13.716	160	1506701	26.384	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.275	143	233195	22.385	ng/ul	0.00
60) Fluorene-d10	15.033	176	1080097	25.106	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.175	200	184696	22.704	ng/ul	0.00
73) Anthracene-d10	16.892	188	1587159	24.743	ng/ul	0.00
81) Pyrene-d10	19.204	212	1642462	31.490	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.551	264	1434974	25.967	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.028	88	60962	8.638	ng/uL	87
5) Pyridine	3.399	79	387070	19.022	ng/ul	91
6) Benzaldehyde	6.540	77	270771	21.172	ng/ul	90
8) Phenol	6.610	94	532941	21.127	ng/ul	94
10) Bis(2-Chloroethyl)ether	6.828	93	437024	22.291	ng/ul	94
12) 2-Chlorophenol	6.952	128	469002	23.997	ng/ul	93
13) 2-Methylphenol	7.834	108	414007	21.958	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	7.904	45	574111	19.856	ng/ul	95
16) Acetophenone	8.199	105	661592	20.949	ng/ul	93
17) N-Nitroso-di-n-propyla...	8.193	70	317334	20.292	ng/ul	94
18) 4-Methylphenol	8.163	108	454066	21.639	ng/ul	98
19) Hexachloroethane	8.428	117	198269	24.052	ng/ul	91
22) Nitrobenzene	8.563	77	491121	22.183	ng/ul	92
23) Isophorone	9.093	82	912761	22.356	ng/ul	95
25) 2-Nitrophenol	9.263	139	272518	26.770	ng/ul	91
26) 2,4-Dimethylphenol	9.346	107	392646	18.748	ng/ul	90
27) Bis(2-Chloroethoxy)met...	9.575	93	584569	23.270	ng/ul	98
29) 2,4-Dichlorophenol	9.798	162	439809	25.356	ng/ul	97
30) Naphthalene	10.181	128	1451688	23.914	ng/ul	100
32) 4-Chloroaniline	10.304	127	478331	18.716	ng/ul	100
33) Hexachlorobutadiene	10.469	225	294598	26.474	ng/ul	98
34) Caprolactam	11.087	113	139537m	20.206	ng/ul	
35) 4-Chloro-3-methylphenol	11.451	107	458845	22.471	ng/ul	91
36) 2-Methylnaphthalene	11.810	142	1000014	23.916	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.034	142	1001388	23.659	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.187	216	542323	27.657	ng/ul	98
40) Hexachlorocyclopentadiene	12.169	237	220582	18.283	ng/ul	99
41) 2,4,6-Trichlorophenol	12.445	196	347763	26.752	ng/ul	95
42) 2,4,5-Trichlorophenol	12.516	196	381040	26.685	ng/ul	98
43) 1,1'-Biphenyl	12.851	154	1286708	25.127	ng/ul	99
44) 2-Chloronaphthalene	12.887	162	996784	24.987	ng/ul	98
45) 2-Nitroaniline	13.110	65	276570	21.454	ng/ul#	82
47) Dimethylphthalate	13.510	163	1248935	24.141	ng/ul	99
48) 2,6-Dinitrotoluene	13.628	165	271937	26.694	ng/ul#	86
50) Acenaphthylene	13.745	152	1558562	24.942	ng/ul	99
51) 3-Nitroaniline	13.951	138	275129	24.439	ng/ul	93
52) Acenaphthene	14.098	153	1075714	24.113	ng/ul	99
53) 2,4-Dinitrophenol	14.163	184	119016	19.863	ng/ul#	84
55) 4-Nitrophenol	14.286	109	165496	18.706	ng/ul	91
56) Dibenzofuran	14.439	168	1475556	24.187	ng/ul	96
57) 2,4-Dinitrotoluene	14.422	165	385923	25.129	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	14.675	232	315806	26.653	ng/ul	92
59) Diethylphthalate	14.892	149	1274707	23.579	ng/ul	98
61) Fluorene	15.092	166	1191241	23.870	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.098	204	589444	24.368	ng/ul	98
63) 4-Nitroaniline	15.128	138	282841m	24.415	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.192	198	202061	22.368	ng/ul#	90
67) N-Nitrosodiphenylamine	15.316	169	1046590	25.599	ng/ul	99
68) 4-Bromophenyl-phenylether	15.992	248	385452	27.822	ng/ul	93
69) Hexachlorobenzene	16.098	284	444033	27.613	ng/ul	97
70) Atrazine	16.286	200	298602	20.158	ng/ul	97
71) Pentachlorophenol	16.451	266	273978	25.581	ng/ul	96
72) Phenanthrene	16.833	178	1843939	24.511	ng/ul	99
74) Anthracene	16.927	178	1798294	23.410	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.810	216	528430	27.829	ng/uL	97
76) Pentachlorobenzene	14.357	250	517457	26.764	ng/uL	99
77) Carbazole	17.204	167	1660135	23.481	ng/ul	99
78) Di-n-butylphthalate	17.786	149	2238050	24.901	ng/ul	99
80) Fluoranthene	18.863	202	1937585	31.776	ng/ul	99
82) Pyrene	19.227	202	1955955	29.838	ng/ul	98
83) Butylbenzylphthalate	20.169	149	923488	31.415	ng/ul	95
84) 3,3'-Dichlorobenzidine	20.951	252	528552	25.136	ng/ul	98
85) Benzo(a)anthracene	21.010	228	1651333	24.741	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	20.974	149	1320848	30.697	ng/ul#	95
87) Chrysene	21.068	228	1502757	23.597	ng/ul	92
89) Di-n-octyl phthalate	22.010	149	2109044	29.463	ng/ul	100
90) Benzo(b)fluoranthene	22.892	252	1623381	24.750	ng/ul	99
91) Benzo(k)fluoranthene	22.945	252	1624161	25.101	ng/ul	99
93) Benzo(a)pyrene	23.610	252	1464203	23.631	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.727	276	2055115	26.769	ng/ul	98
95) Dibenzo(a,h)anthracene	26.780	278	1656230	26.689	ng/ul	97
96) Benzo(g,h,i)perylene	27.656	276	1615785	27.112	ng/ul	97

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

