

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040424\
 Data File : BN030638.D
 Acq On : 03 Apr 2024 22:04
 Operator : MA/JU
 Sample : PB159947BS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS947

Quant Time: Apr 03 22:50:41 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032824.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Mar 31 12:24:07 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/04/2024
 Supervised By :mohammad ahmed 04/06/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.693	152	230398	20.000	ng/u1	0.00
20) Naphthalene-d8	10.475	136	1028297	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.334	164	675701	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.087	188	1392802	20.000	ng/u1	0.00
79) Chrysene-d12	21.328	240	1221415	20.000	ng/u1	0.00
88) Perylene-d12	24.269	264	1094360	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	36779	7.484	ng/uL	0.00
4) Pyridine-d5	3.599	84	521243	35.377	ng/u1	0.00
7) Phenol-d5	6.864	99	711897	38.196	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.034	67	428112	37.189	ng/u1	0.00
11) 2-Chlorophenol-d4	7.222	132	572438	40.487	ng/u1	0.00
15) 4-Methylphenol-d8	8.399	113	578882	37.059	ng/u1	0.00
21) Nitrobenzene-d5	8.852	128	293590	41.158	ng/u1	0.00
24) 2-Nitrophenol-d4	9.563	143	303673	46.536	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.099	165	581183	40.682	ng/u1	0.00
31) 4-Chloroaniline-d4	10.616	131	875682	37.233	ng/u1	0.00
46) Dimethylphthalate-d6	13.751	166	1749475	38.779	ng/u1	0.00
49) Acenaphthylene-d8	14.028	160	2067002	39.850	ng/u1	0.00
54) 4-Nitrophenol-d4	14.540	143	346945	40.205	ng/u1	0.00
60) Fluorene-d10	15.334	176	1484573	37.605	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.451	200	265213	43.140	ng/u1	0.00
73) Anthracene-d10	17.187	188	2300263	38.331	ng/u1	0.00
81) Pyrene-d10	19.486	212	2663510	40.560	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.069	264	2168536	43.005	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.228	88	72513	13.775	ng/uL	99
5) Pyridine	3.617	79	476599	32.057	ng/u1	98
6) Benzaldehyde	6.840	77	359183	41.382	ng/u1	97
8) Phenol	6.887	94	701646	36.137	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.128	93	568733	35.920	ng/u1	99
12) 2-Chlorophenol	7.258	128	575844	37.966	ng/u1	96
13) 2-Methylphenol	8.134	108	538859	36.016	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.216	45	760549	34.113	ng/u1	97
16) Acetophenone	8.516	105	863094	34.996	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.505	70	429367	34.566	ng/u1	97
18) 4-Methylphenol	8.464	108	591115	35.292	ng/u1	100
19) Hexachloroethane	8.764	117	235264	36.997	ng/u1	98
22) Nitrobenzene	8.893	77	650290	37.345	ng/u1	98
23) Isophorone	9.416	82	1255838	36.163	ng/u1	98
25) 2-Nitrophenol	9.599	139	324641	42.330	ng/u1	96
26) 2,4-Dimethylphenol	9.658	107	562600	33.005	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.899	93	787776	35.679	ng/u1	100
29) 2,4-Dichlorophenol	10.122	162	545299	37.396	ng/u1	97
30) Naphthalene	10.528	128	1928445	36.566	ng/u1	100
32) 4-Chloroaniline	10.640	127	732352	32.310	ng/u1	98
33) Hexachlorobutadiene	10.805	225	339183	36.954	ng/u1	96
34) Caprolactam	11.422	113	194203m	35.650	ng/u1	
35) 4-Chloro-3-methylphenol	11.769	107	617877	37.621	ng/u1	99
36) 2-Methylnaphthalene	12.146	142	1321129	35.870	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.363	142	1321350	35.341	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.510	216	645005	36.989	ng/ul	96
40) Hexachlorocyclopentadiene	12.493	237	321995	32.515	ng/ul	99
41) 2,4,6-Trichlorophenol	12.757	196	431809	39.627	ng/ul	95
42) 2,4,5-Trichlorophenol	12.828	196	477022	38.763	ng/ul	94
43) 1,1'-Biphenyl	13.163	154	1705379	37.028	ng/ul	98
44) 2-Chloronaphthalene	13.204	162	1368603	37.749	ng/ul	100
45) 2-Nitroaniline	13.416	65	390339	40.456	ng/ul	99
47) Dimethylphthalate	13.804	163	1718984	36.886	ng/ul	99
48) 2,6-Dinitrotoluene	13.922	165	354244	40.999	ng/ul	99
50) Acenaphthylene	14.057	152	2213573	36.935	ng/ul	99
51) 3-Nitroaniline	14.246	138	373692	40.747	ng/ul	98
52) Acenaphthene	14.398	153	1459411	36.541	ng/ul	100
53) 2,4-Dinitrophenol	14.451	184	152484	38.423	ng/ul	97
55) 4-Nitrophenol	14.557	109	254946	37.290	ng/ul	98
56) Dibenzofuran	14.734	168	2008003	36.169	ng/ul	100
57) 2,4-Dinitrotoluene	14.704	165	523773	41.521	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.963	232	413381	40.447	ng/ul	99
59) Diethylphthalate	15.175	149	1767786	37.340	ng/ul	99
61) Fluorene	15.387	166	1598796	36.231	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.387	204	756481	34.942	ng/ul	99
63) 4-Nitroaniline	15.416	138	394010	44.192	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.469	198	272025	41.180	ng/ul	96
67) N-Nitrosodiphenylamine	15.598	169	1428303	37.655	ng/ul	98
68) 4-Bromophenyl-phenylether	16.281	248	477615	36.113	ng/ul	97
69) Hexachlorobenzene	16.387	284	554961	35.635	ng/ul	99
70) Atrazine	16.557	200	415131	31.576	ng/ul	97
71) Pentachlorophenol	16.734	266	355039	38.666	ng/ul	97
72) Phenanthrene	17.128	178	2635299	36.827	ng/ul	99
74) Anthracene	17.216	178	2614229	36.138	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.122	216	667349	39.001	ng/ul	98
76) Pentachlorobenzene	14.651	250	647278	37.242	ng/ul	97
77) Carbazole	17.492	167	2412538	38.029	ng/ul	98
78) Di-n-butylphthalate	18.063	149	3053842	39.459	ng/ul	100
80) Fluoranthene	19.151	202	3031125	38.829	ng/ul	99
82) Pyrene	19.516	202	3153793	38.254	ng/ul	98
83) Butylbenzylphthalate	20.428	149	1403598	44.581	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.239	252	917735	40.892	ng/ul	98
85) Benzo(a)anthracene	21.310	228	3022801	37.083	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.239	149	1994541	42.958	ng/ul	99
87) Chrysene	21.369	228	2800909	36.404	ng/ul	99
89) Di-n-octyl phthalate	22.363	149	3511816	50.673	ng/ul	100
90) Benzo(b)fluoranthene	23.339	252	2673543	41.512	ng/ul	98
91) Benzo(k)fluoranthene	23.398	252	2767309	42.309	ng/ul	99
93) Benzo(a)pyrene	24.133	252	2434408	40.013	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.574	276	2500358	38.019	ng/ul	99
95) Dibenzo(a,h)anthracene	27.645	278	2069329	37.376	ng/ul	97
96) Benzo(g,h,i)perylene	28.610	276	1956834	37.901	ng/ul	97

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

